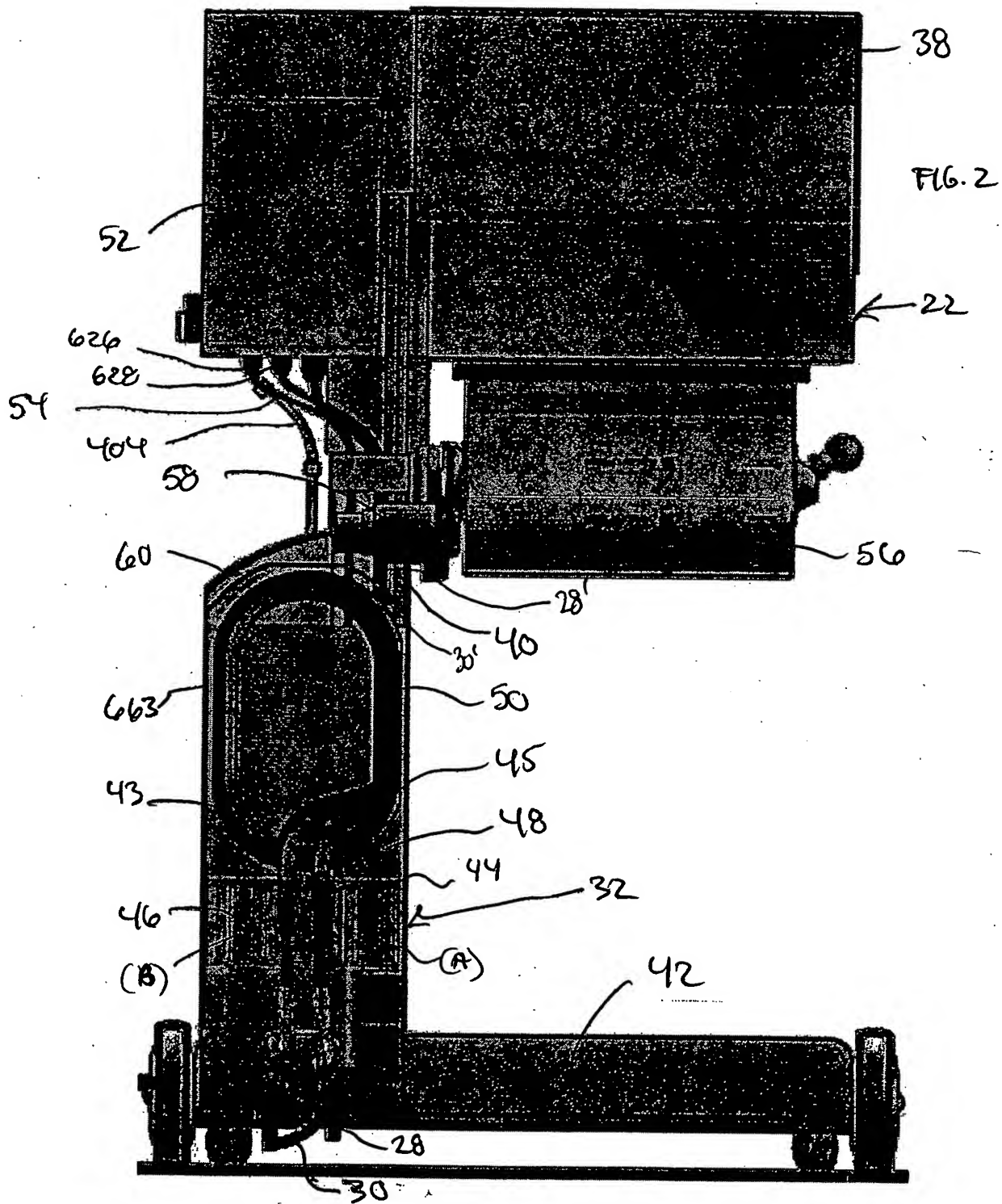


FIG. 1



BEST AVAILABLE COPY

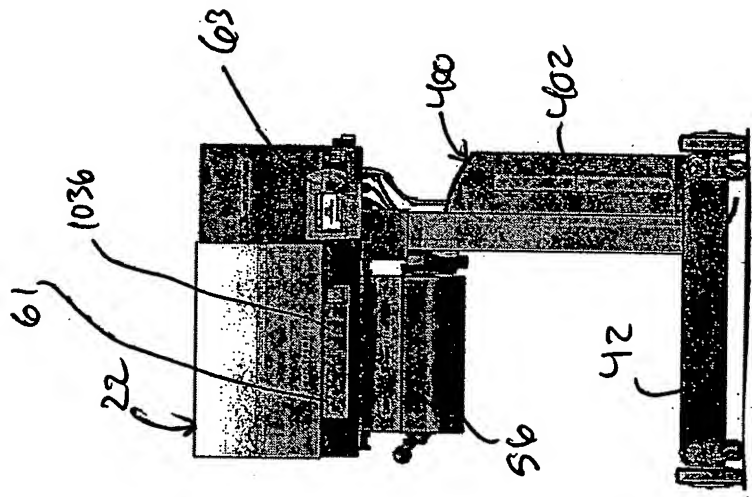
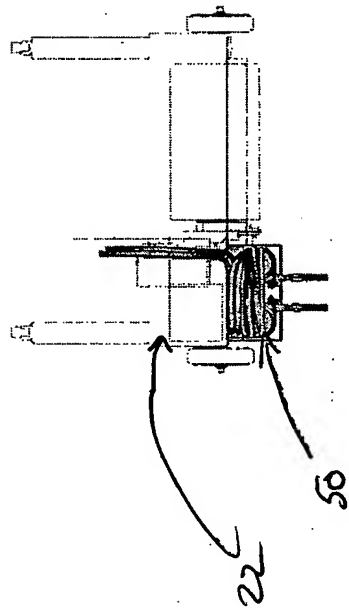


FIG. 3

FIG. 4





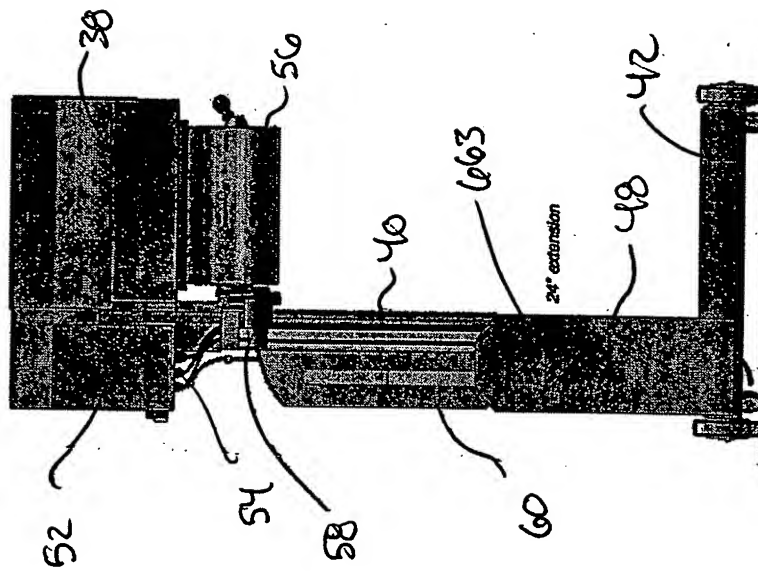


FIG-5



FIG. 7

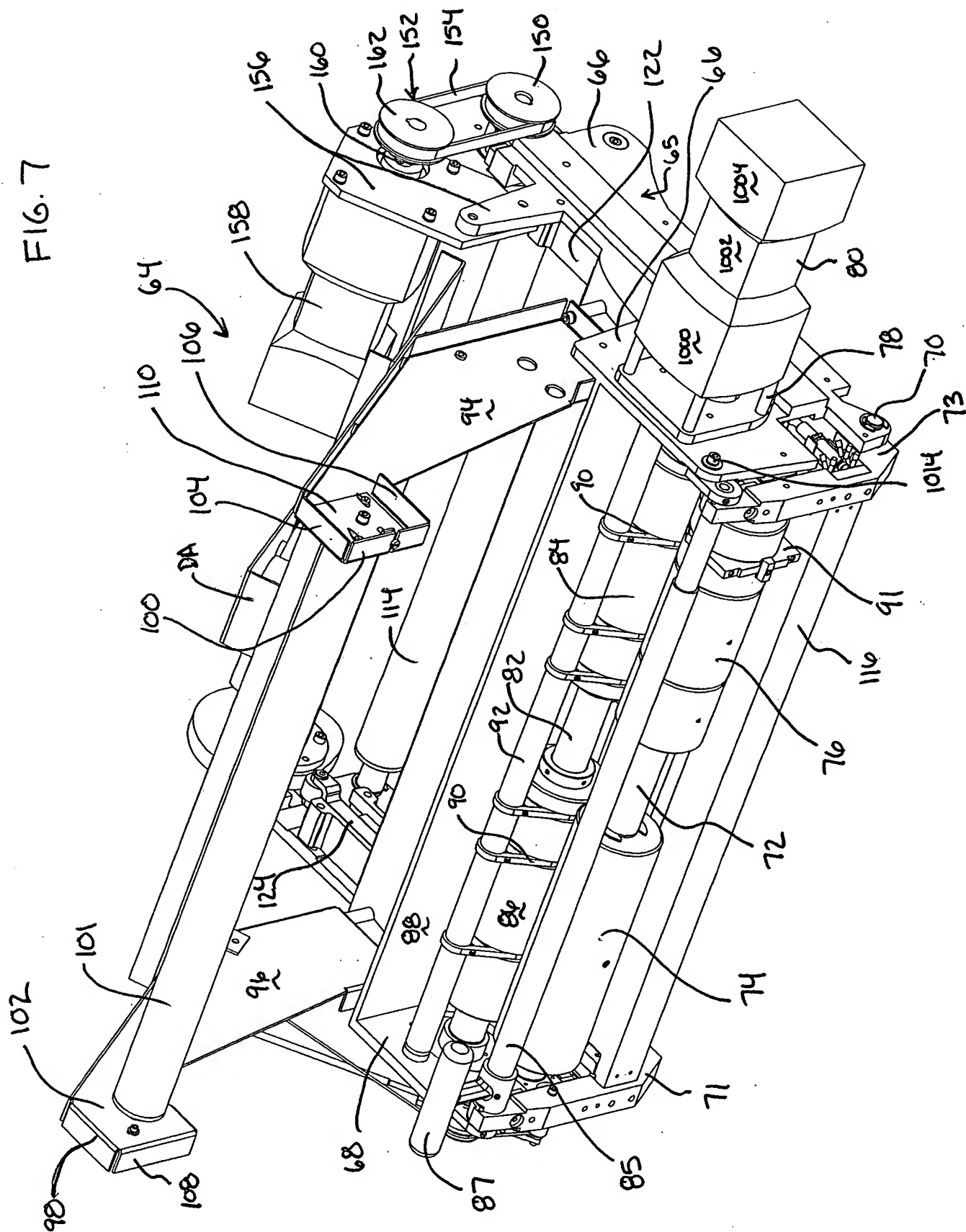
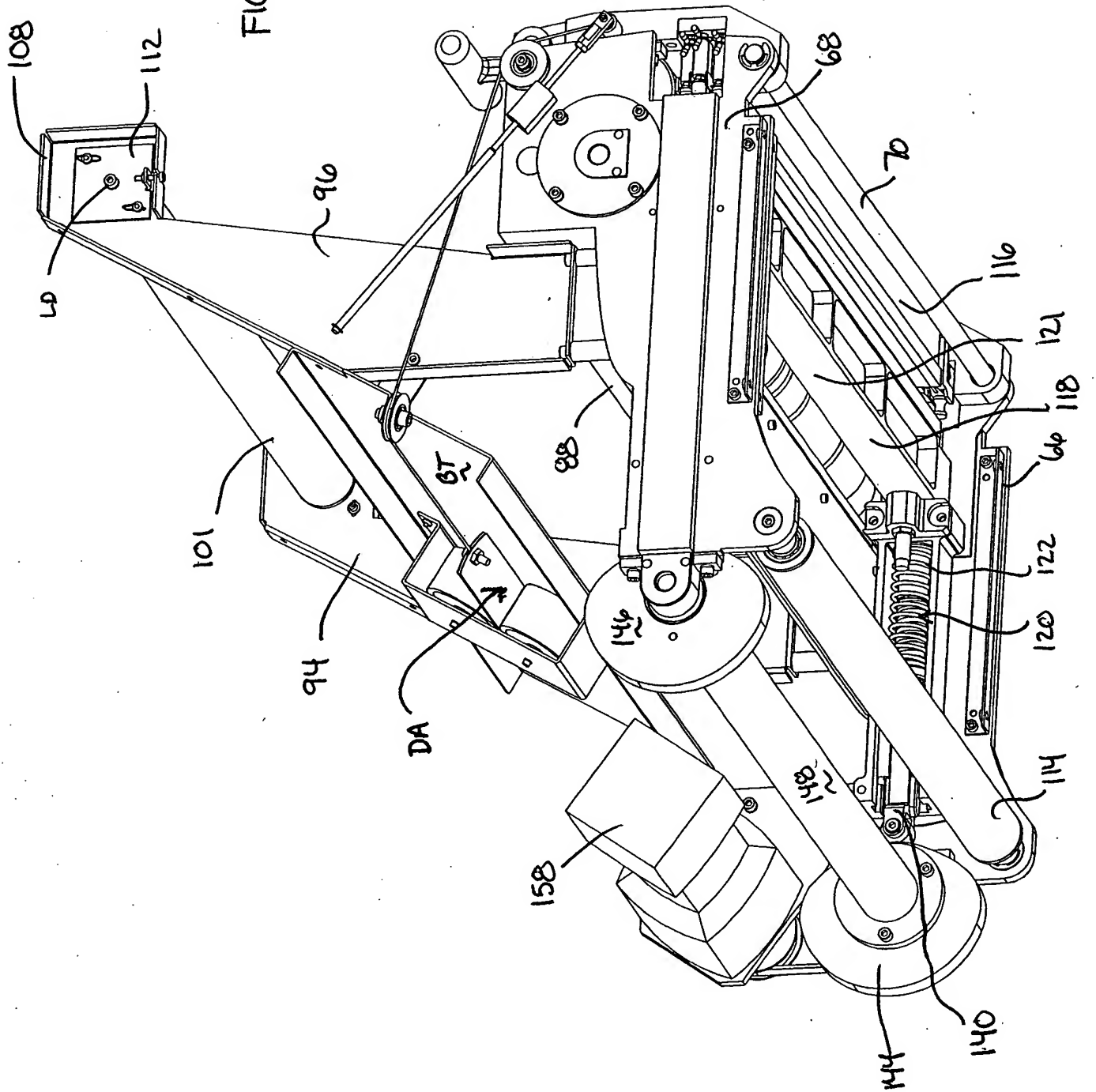




FIG. 9



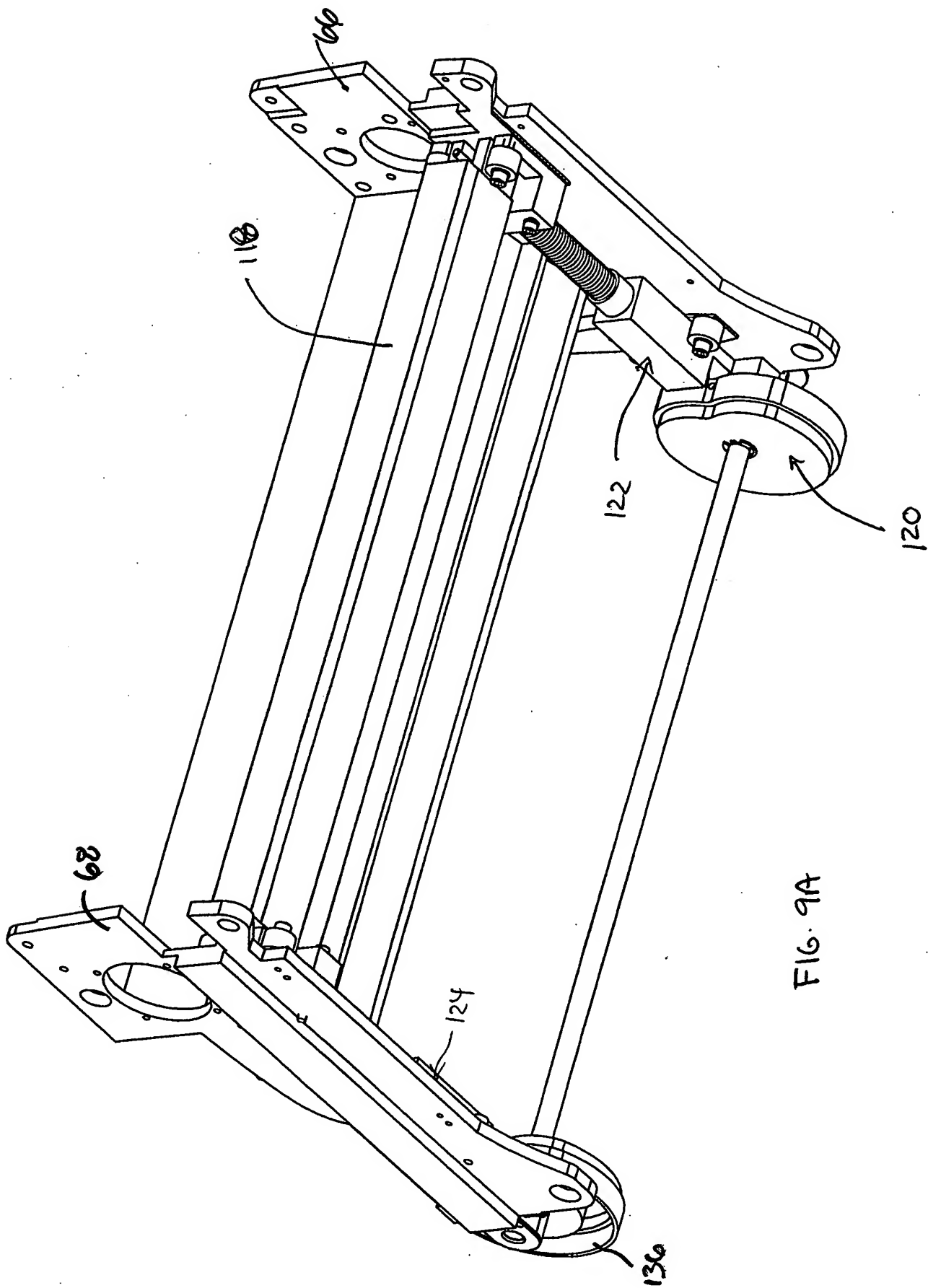
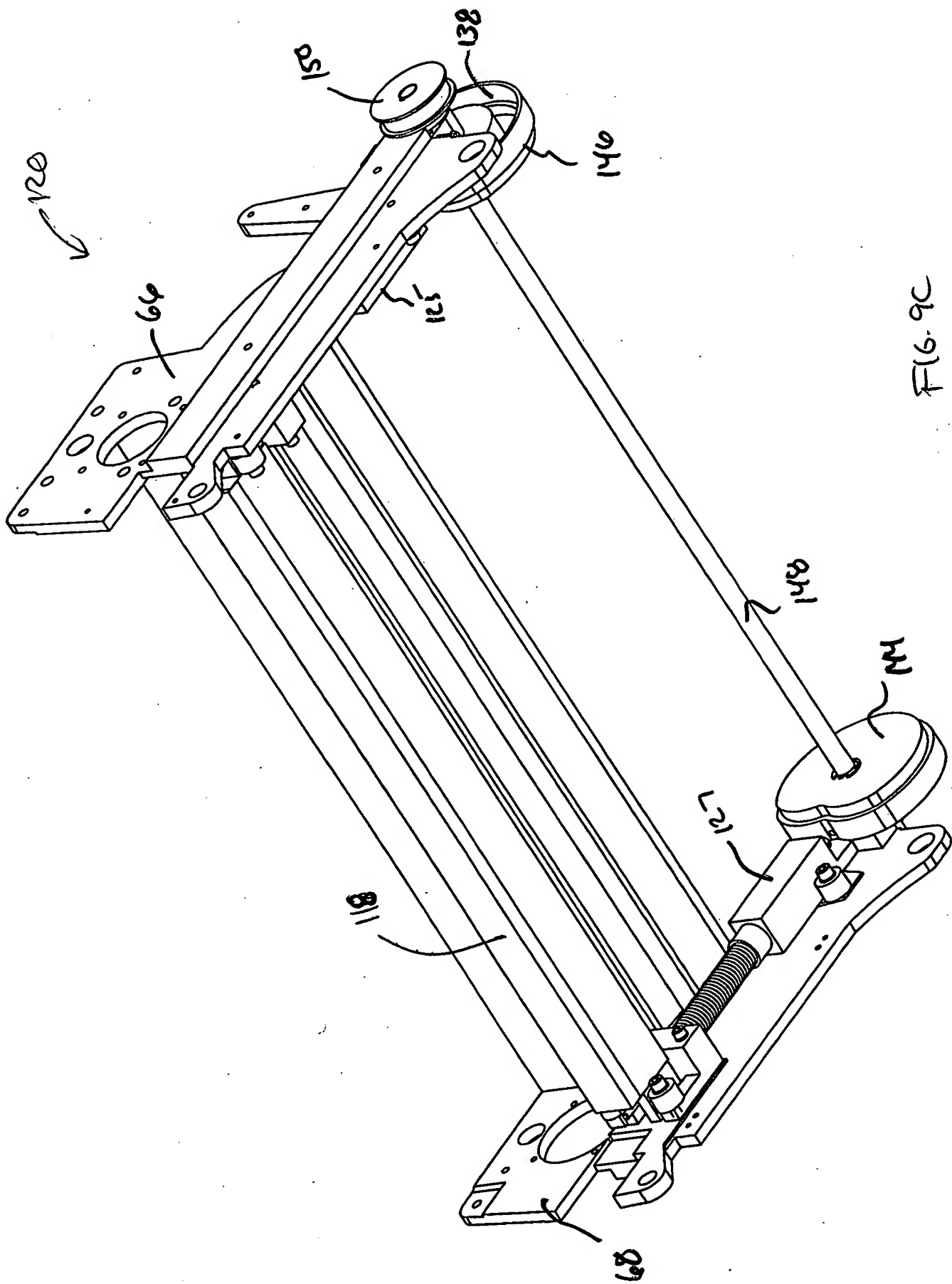


FIG. 9A







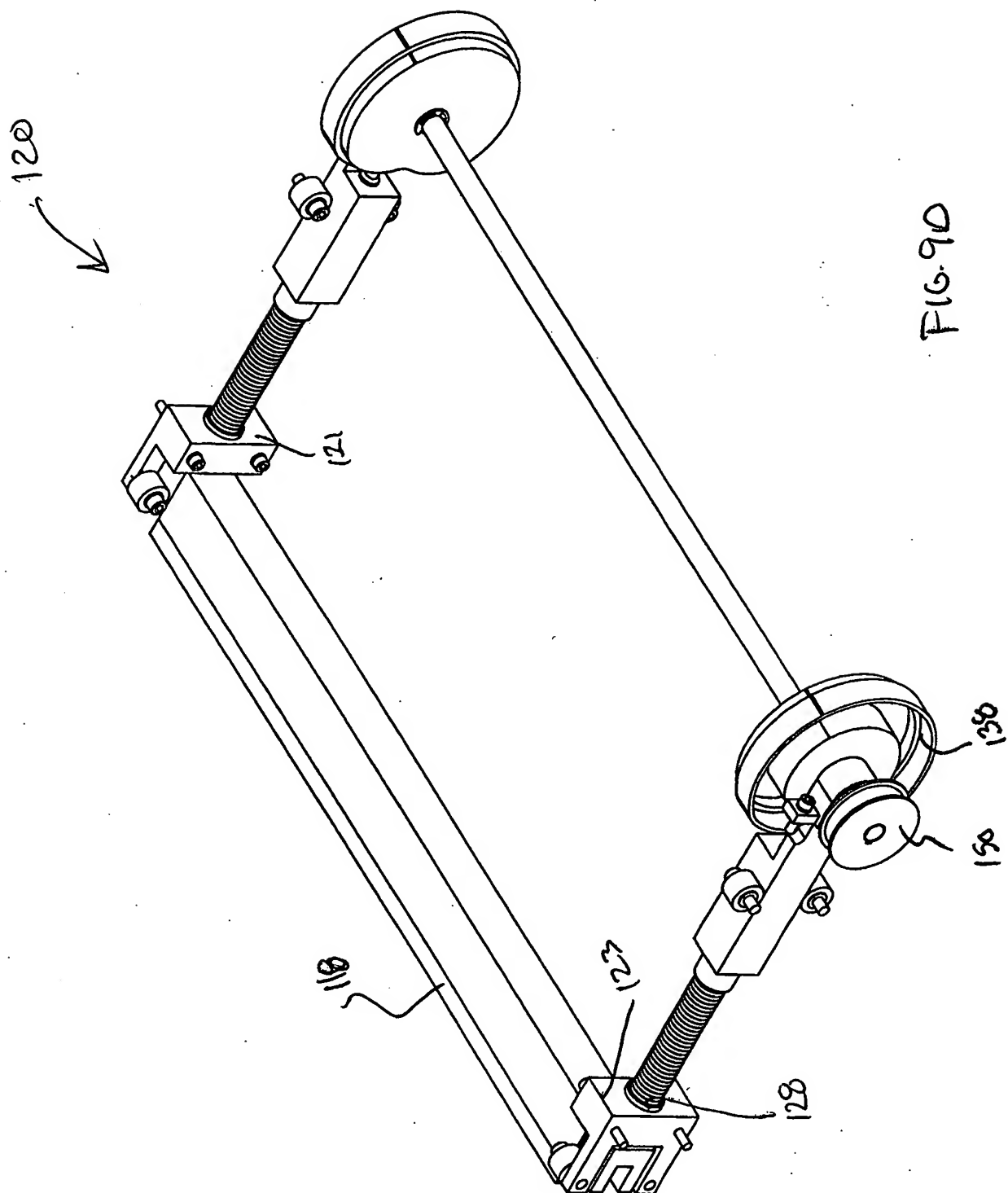
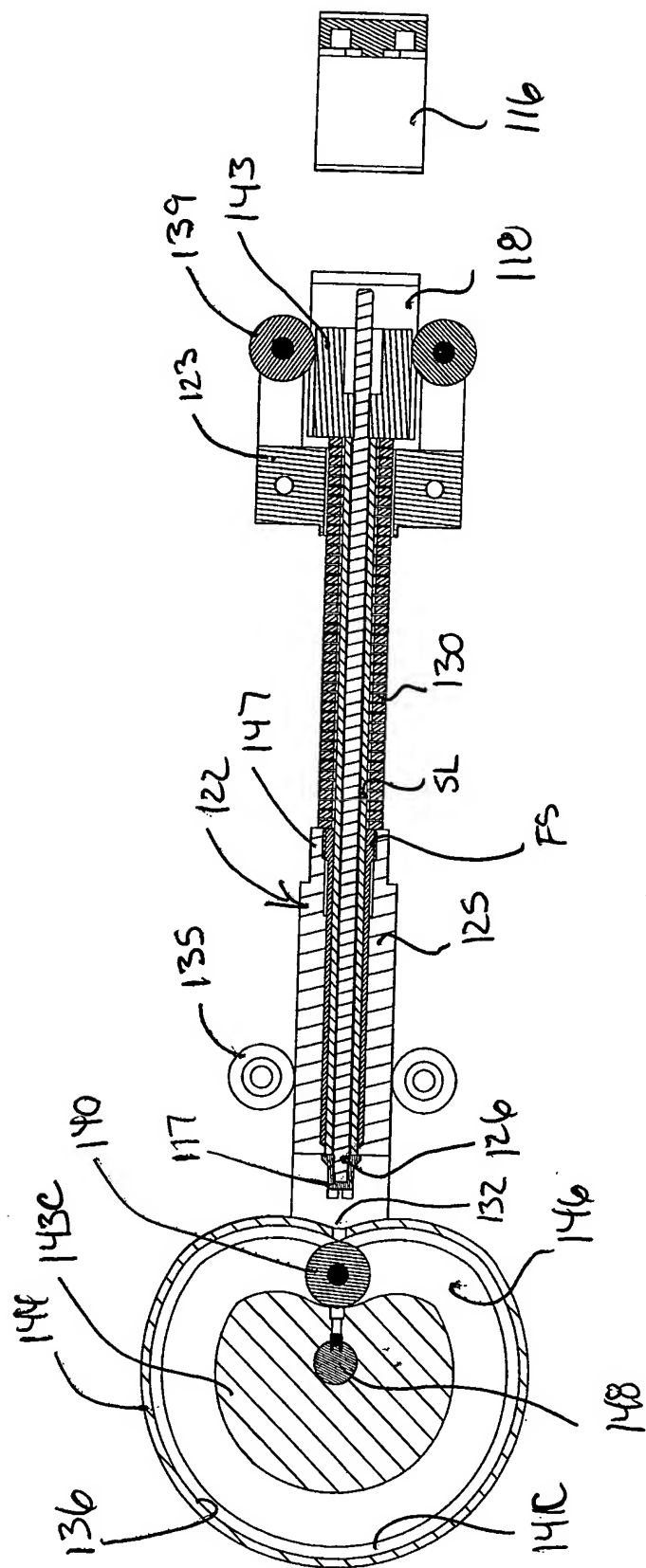


FIG. 9E



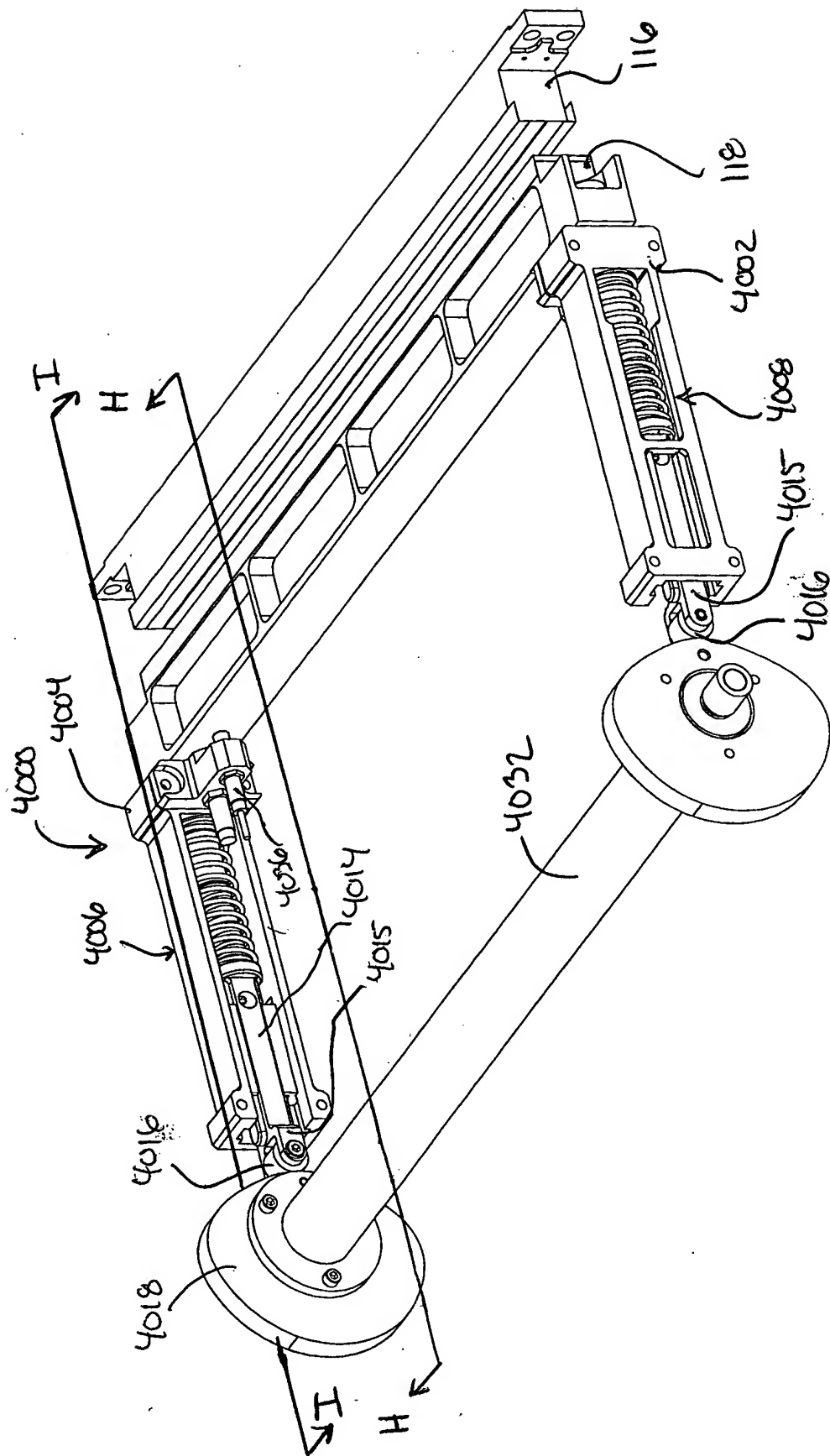


FIG. 9F

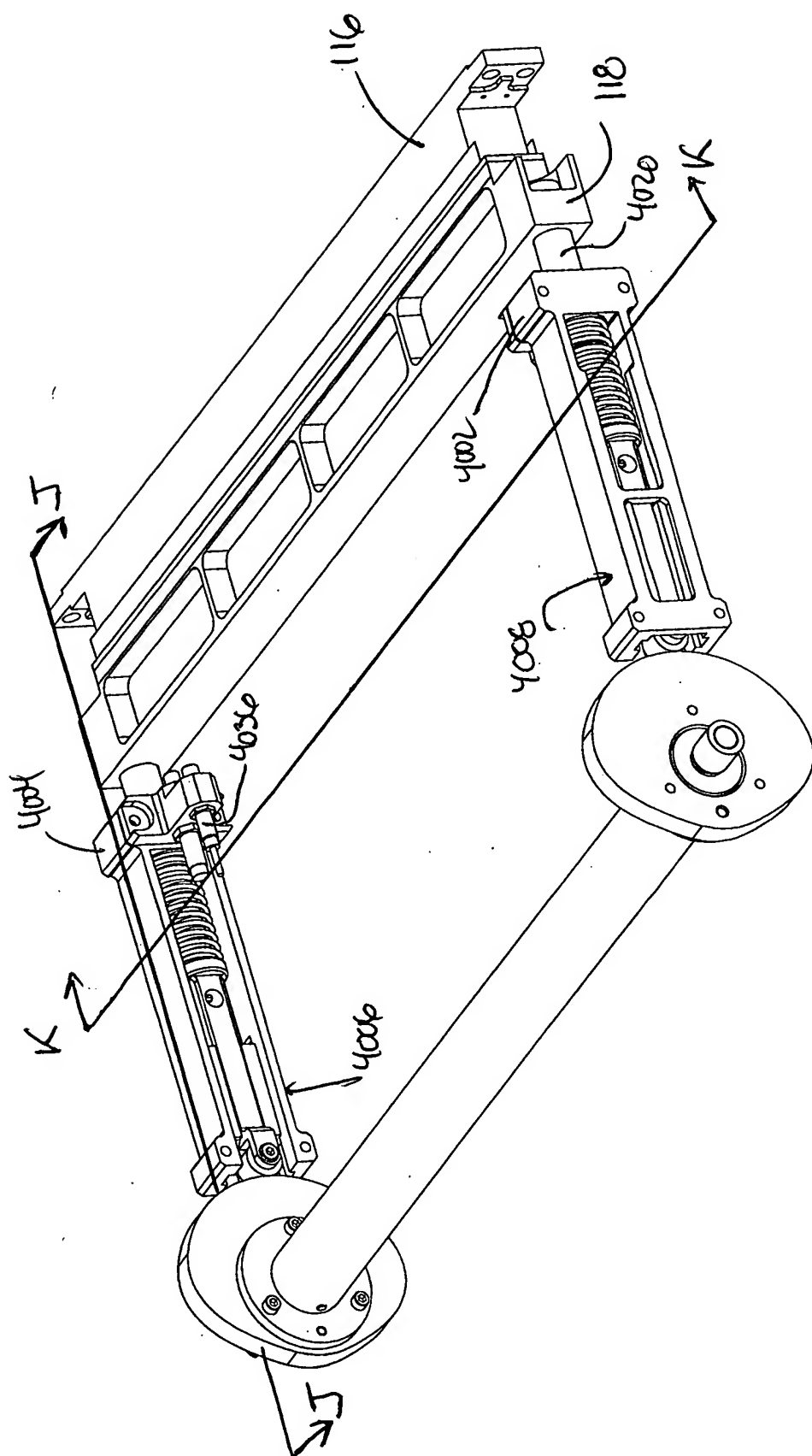


FIG. 9C.

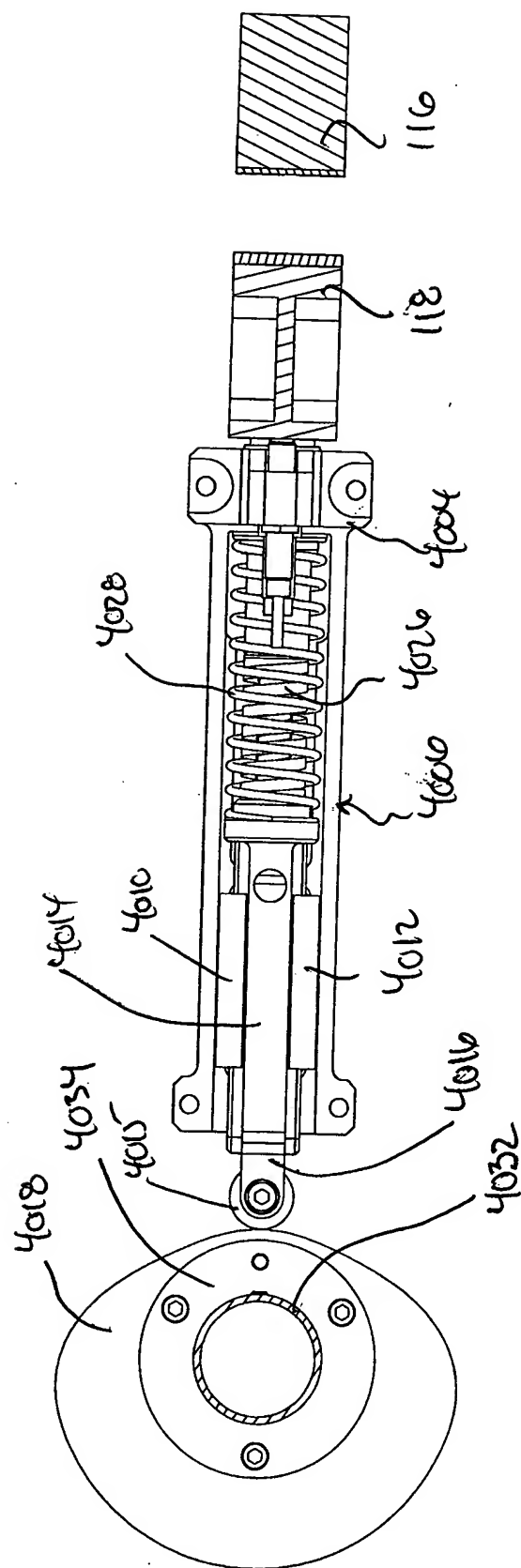


FIG. 9H



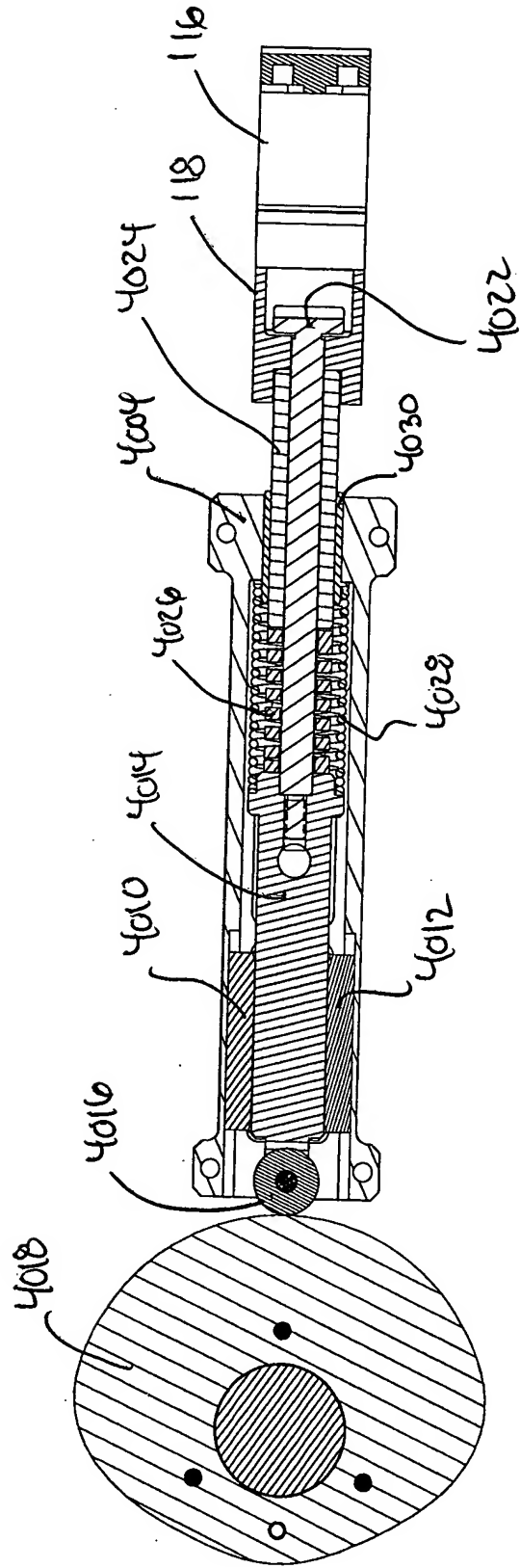


FIG. 95

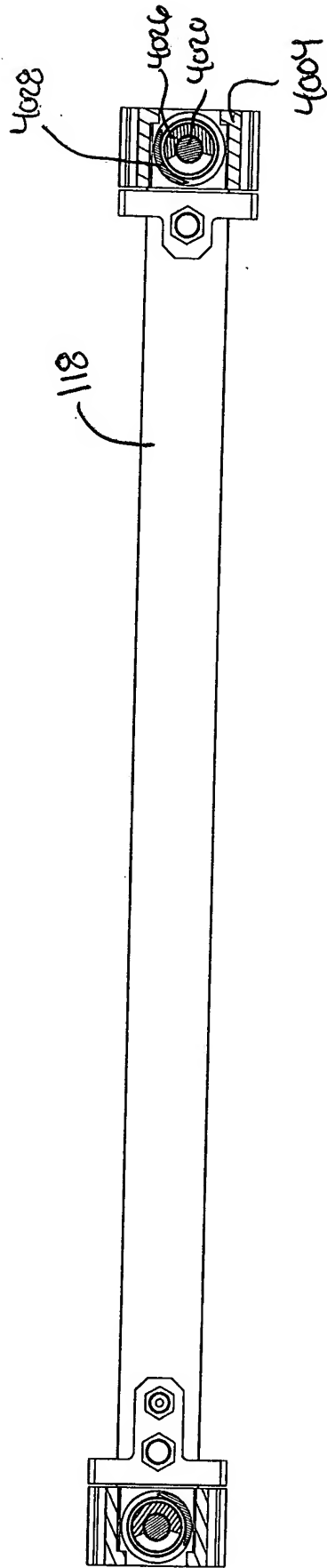
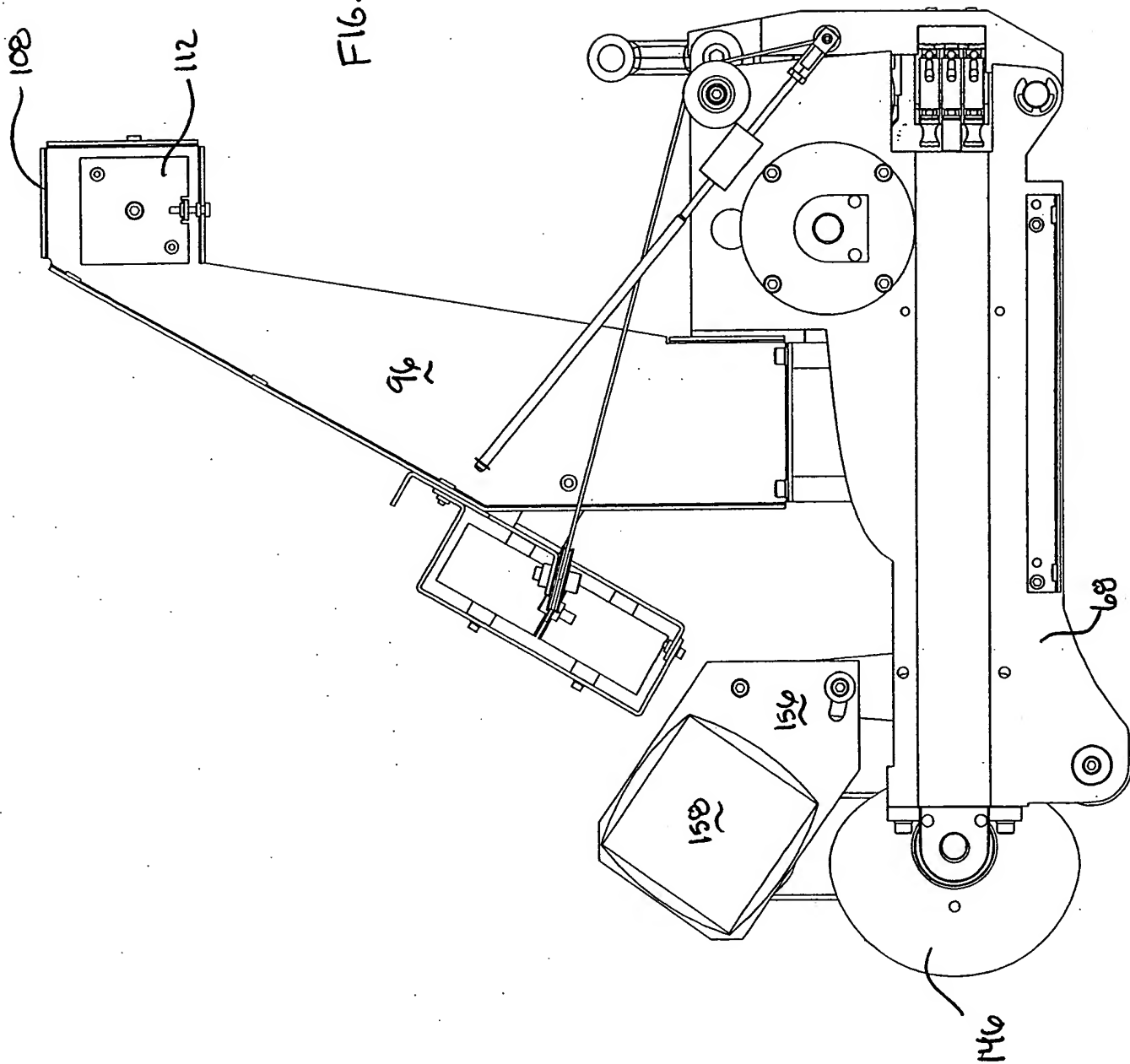
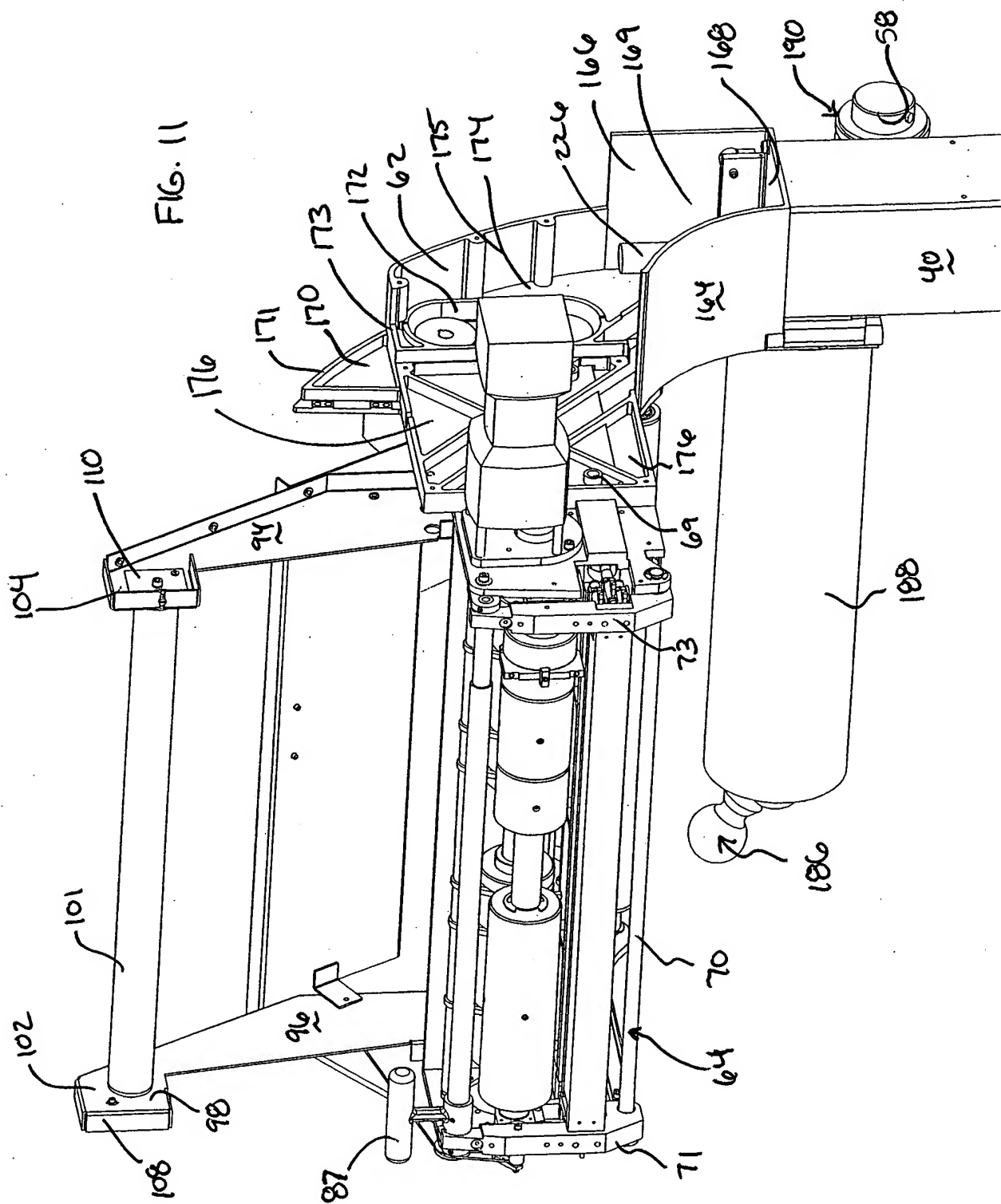


FIG. 9K







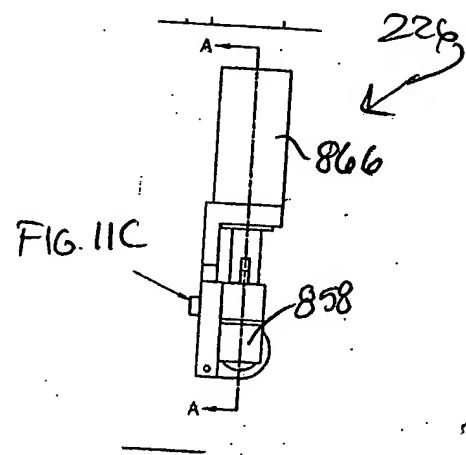
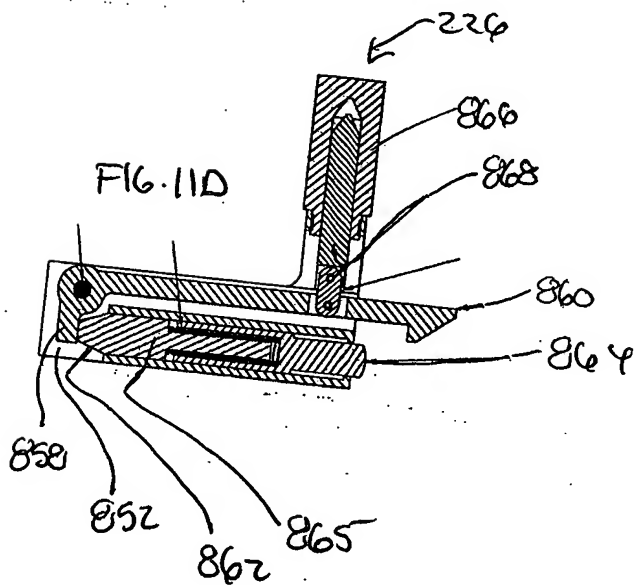
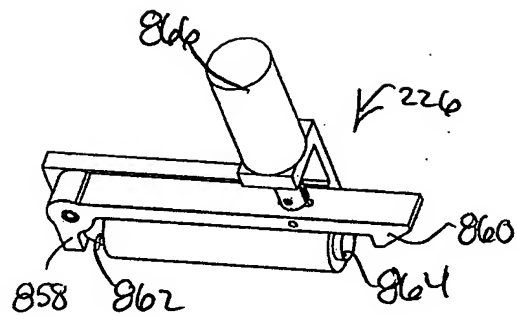
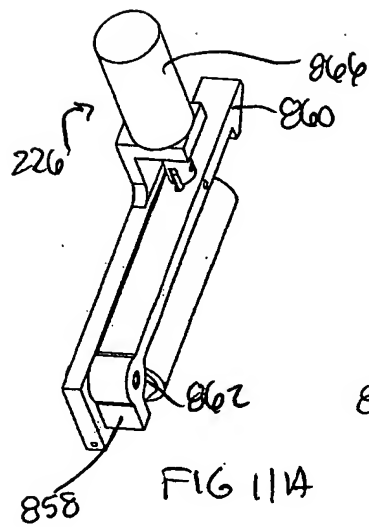


FIG. 12

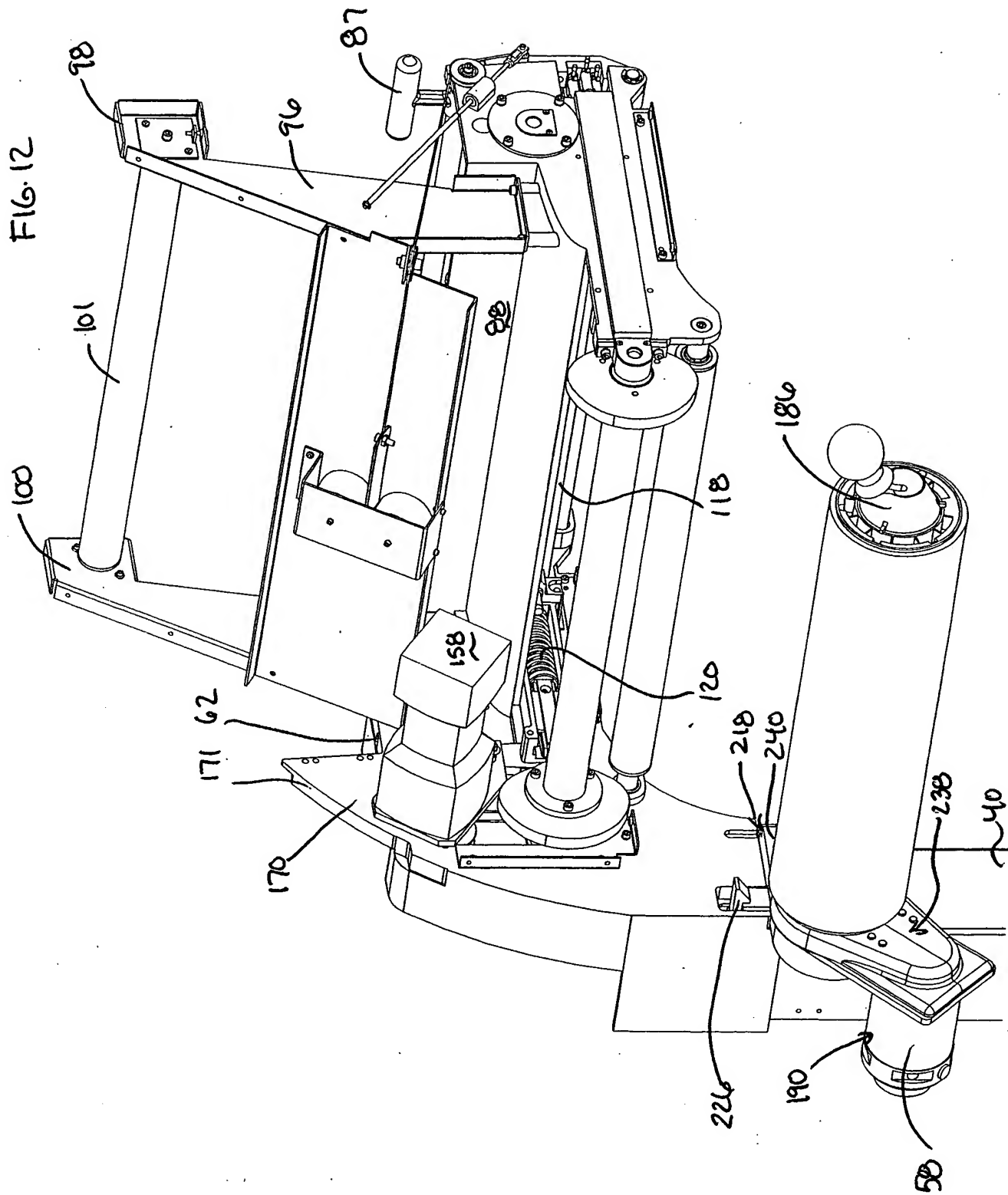
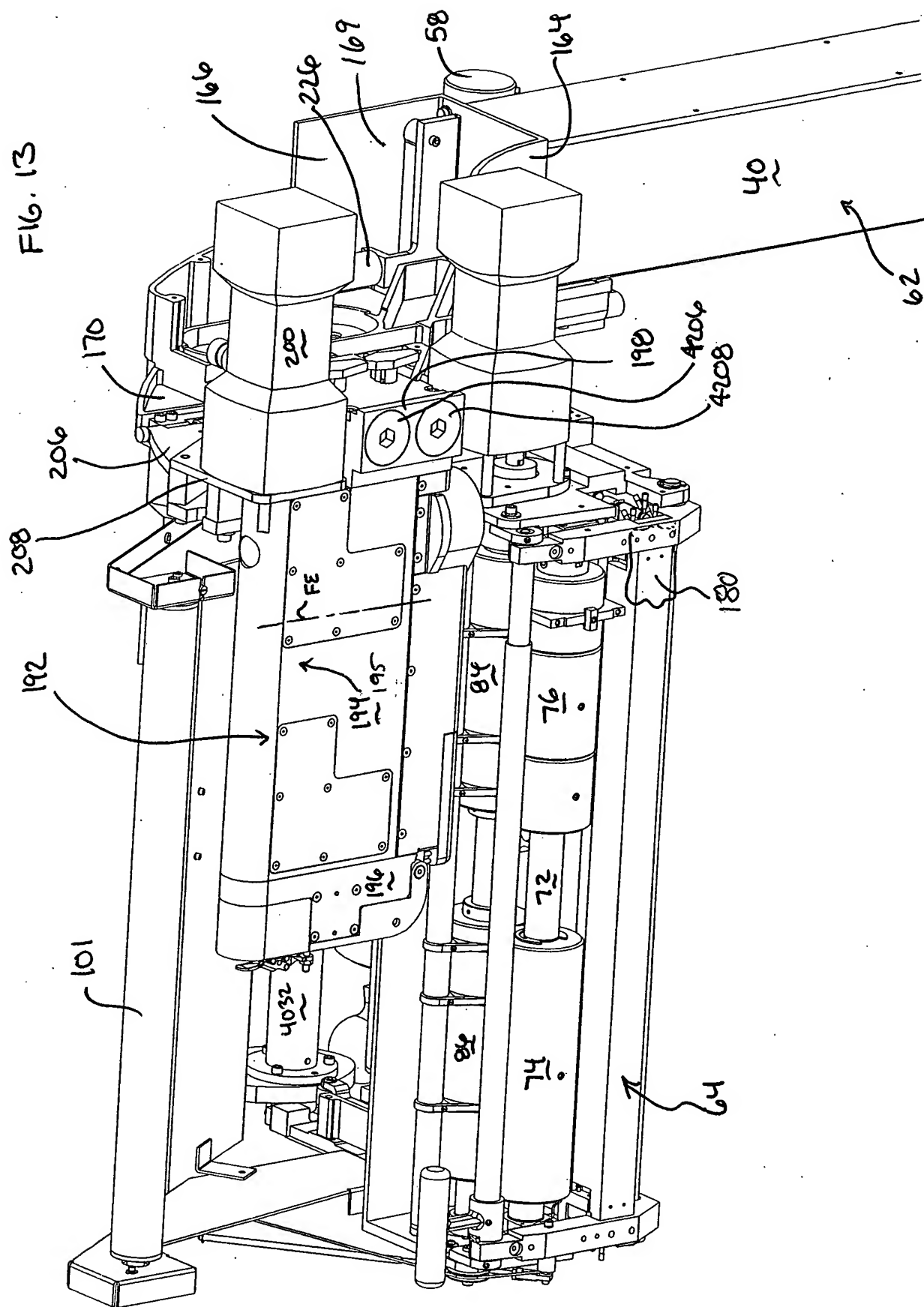


FIG. 13



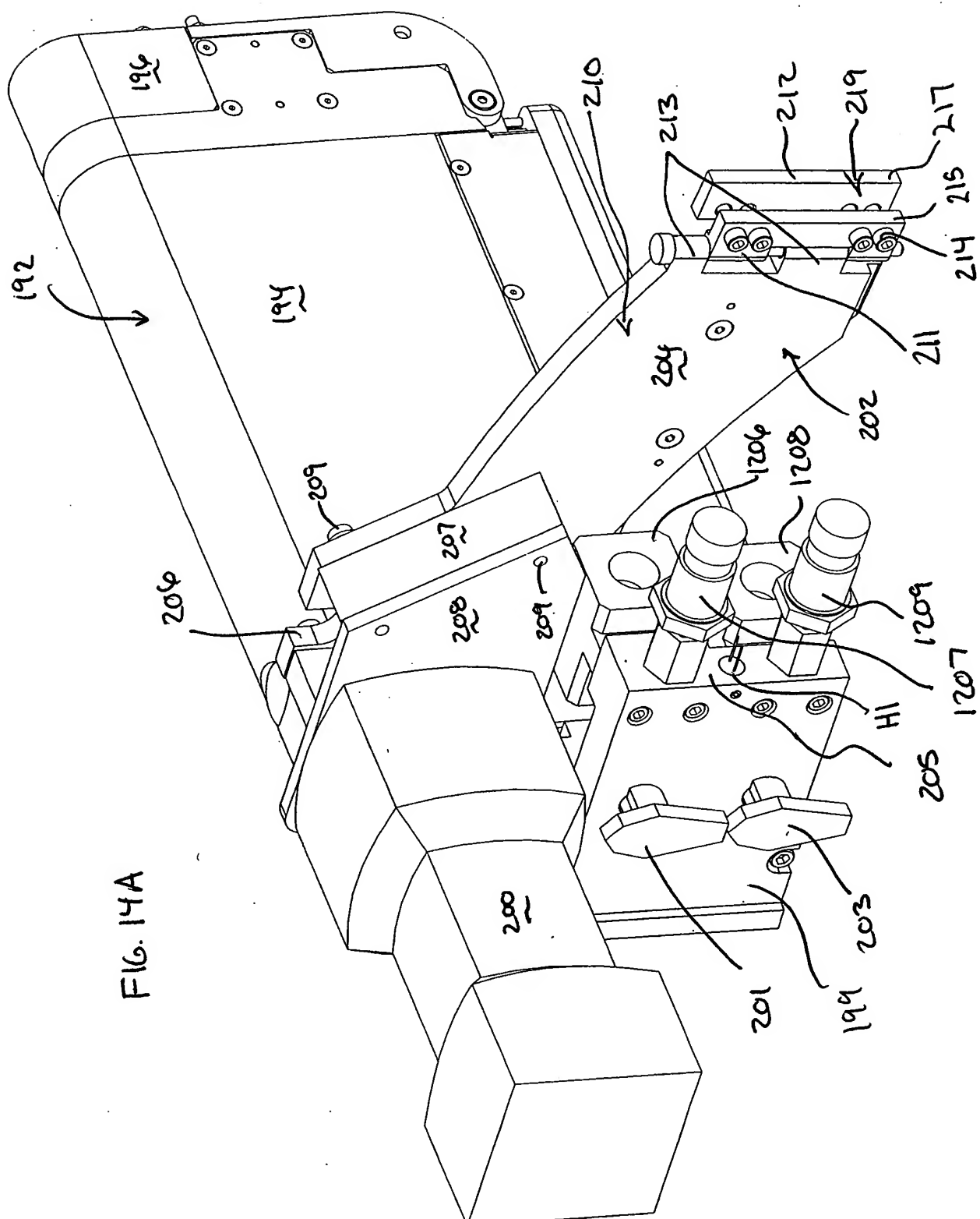
[illegible]

FIG. 14b

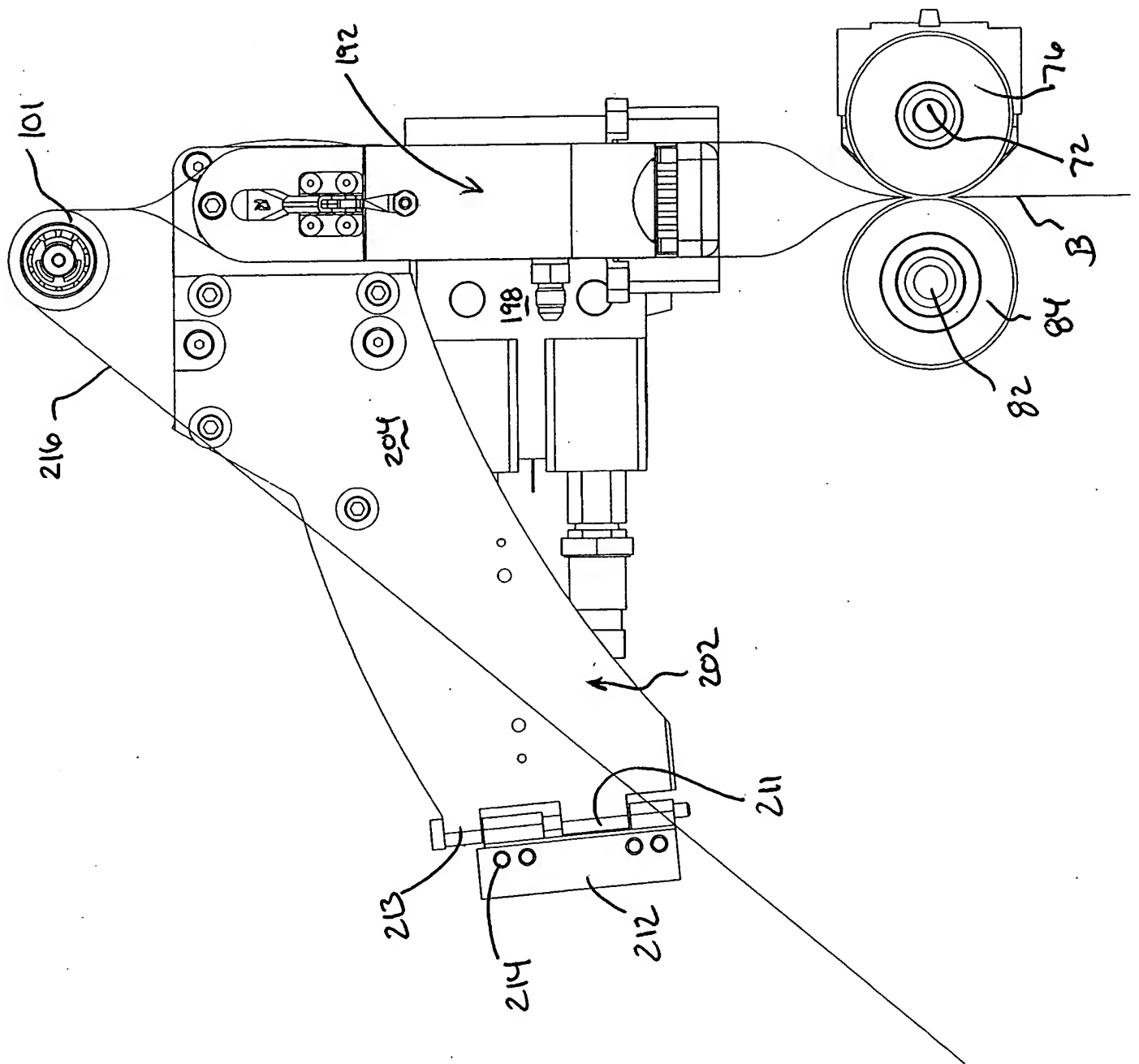


FIG 15A

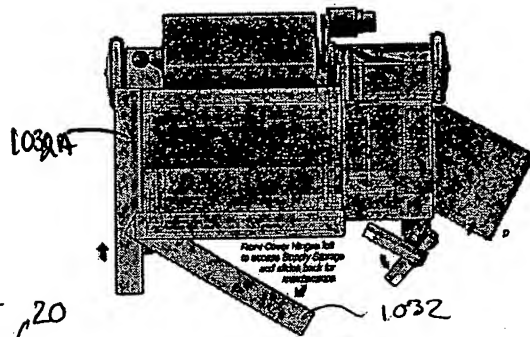


FIG. 15

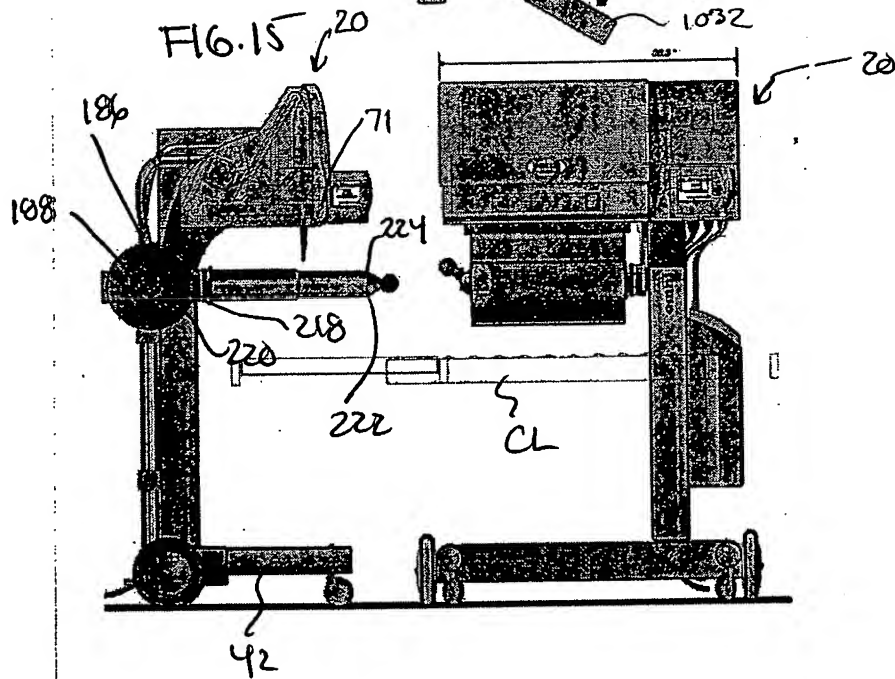
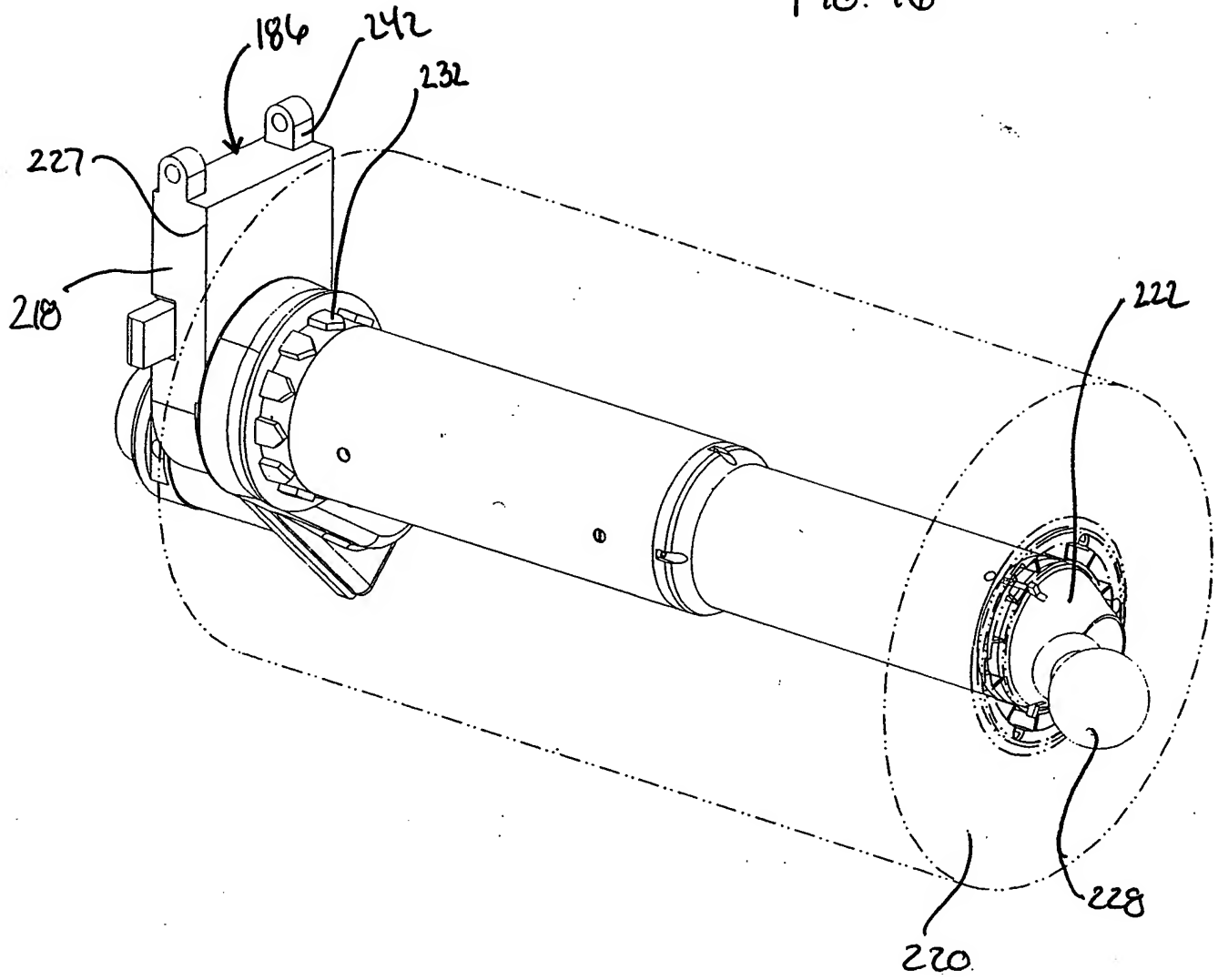


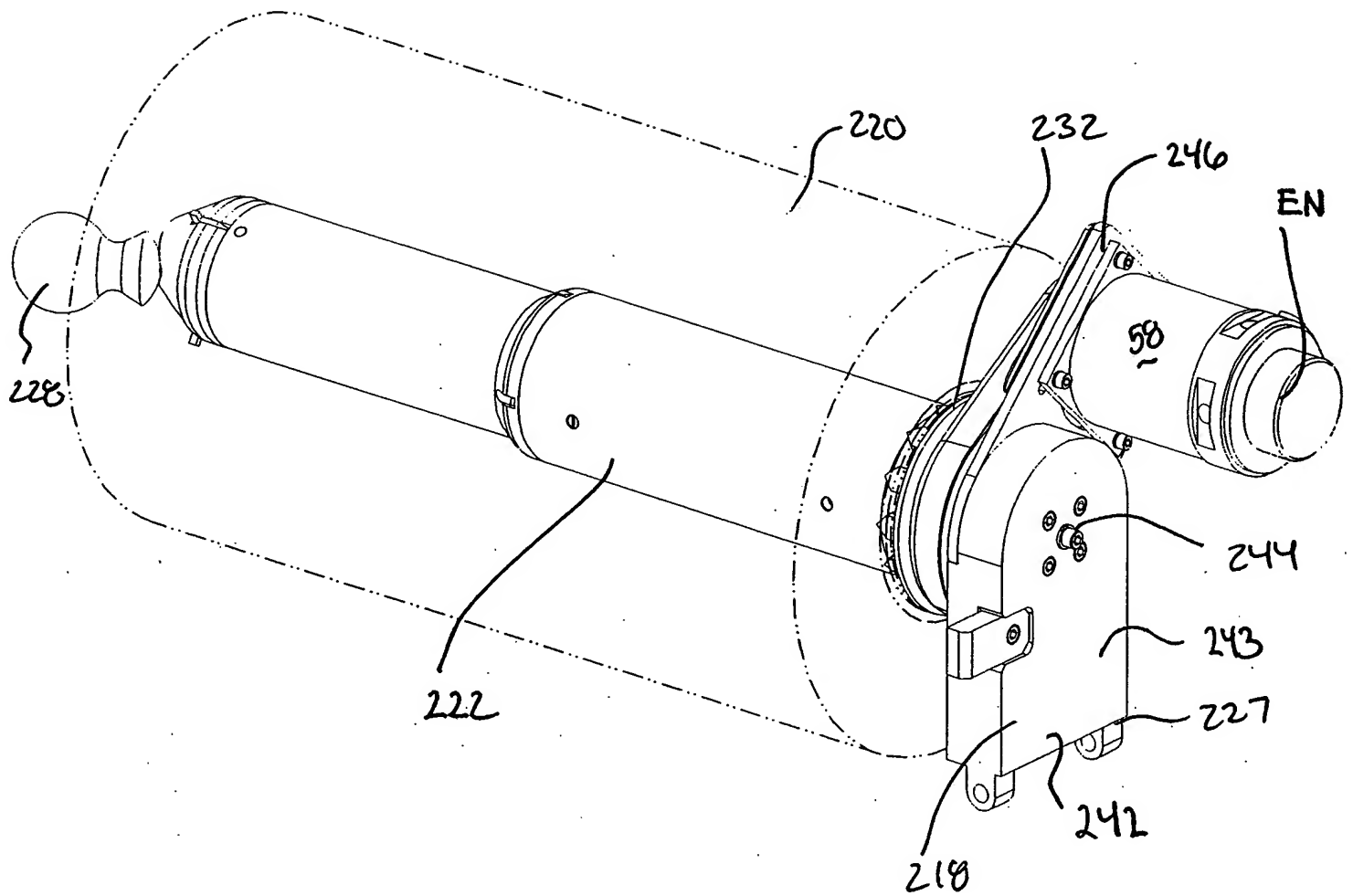
FIG 15B

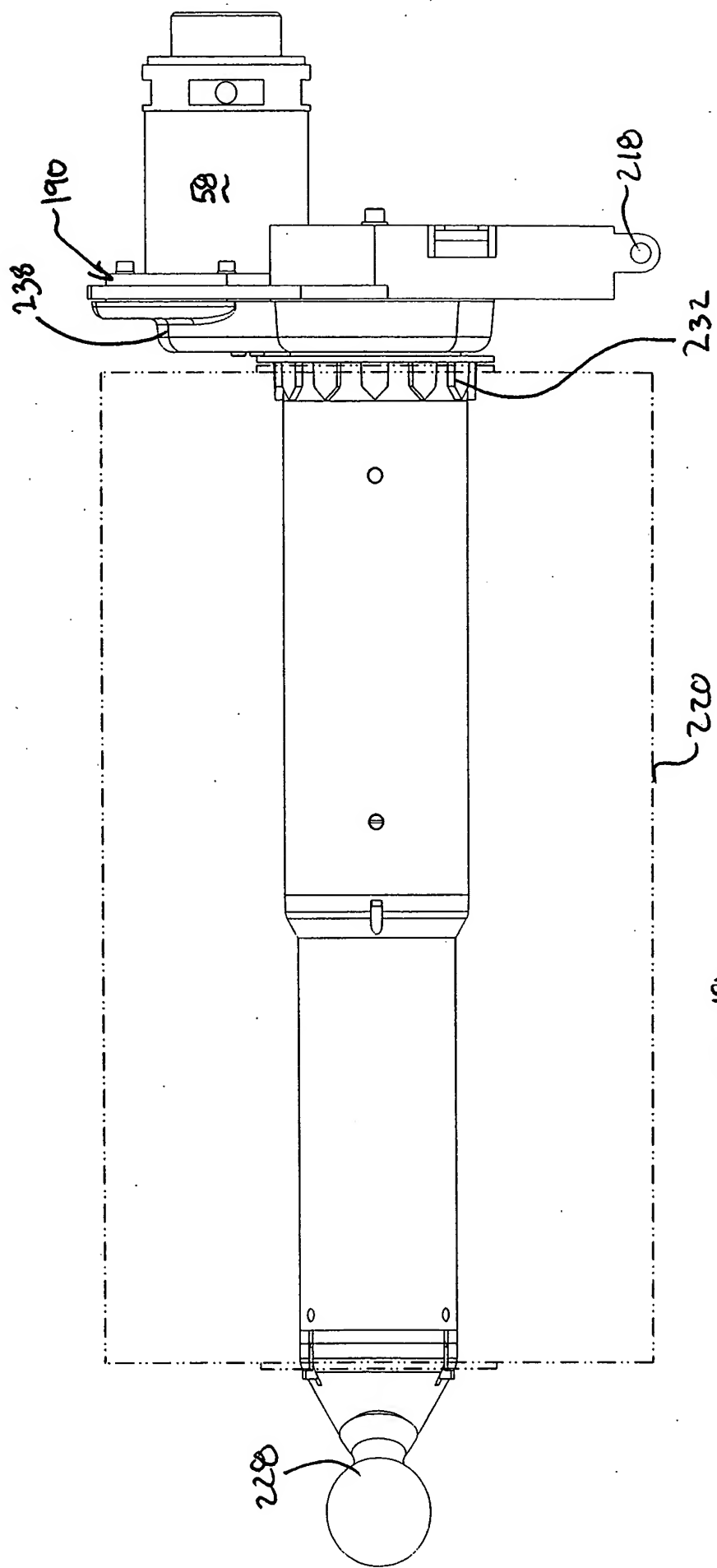


FIG. 16



F16.17





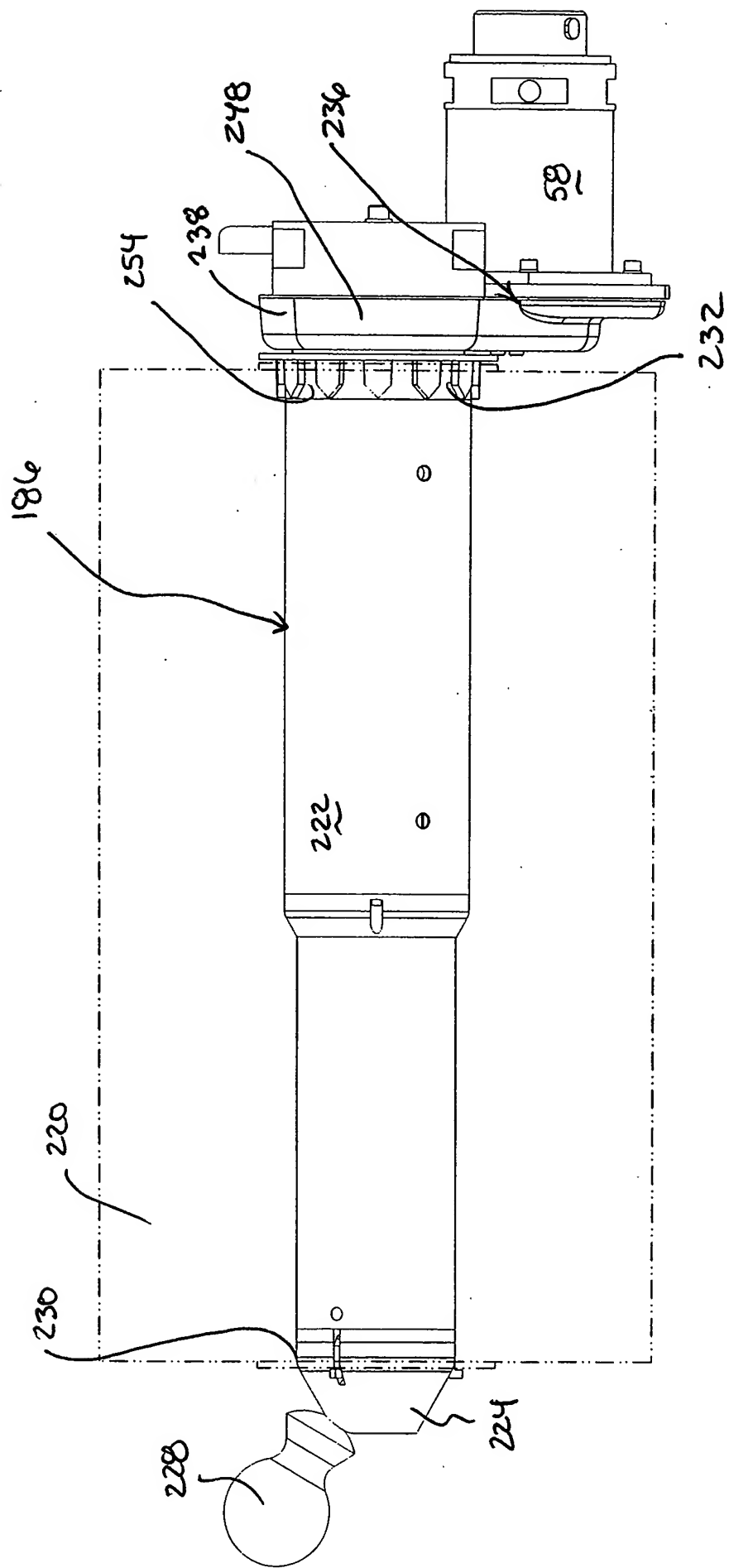
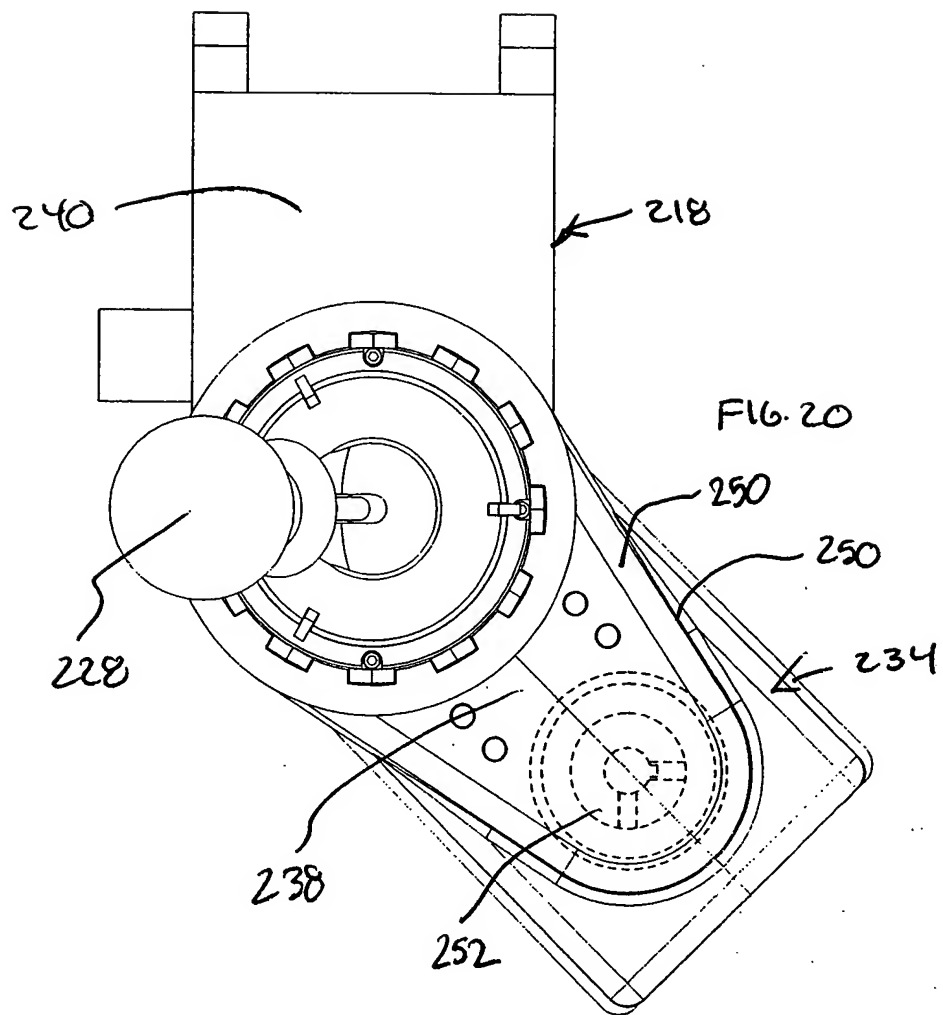


FIG. 19



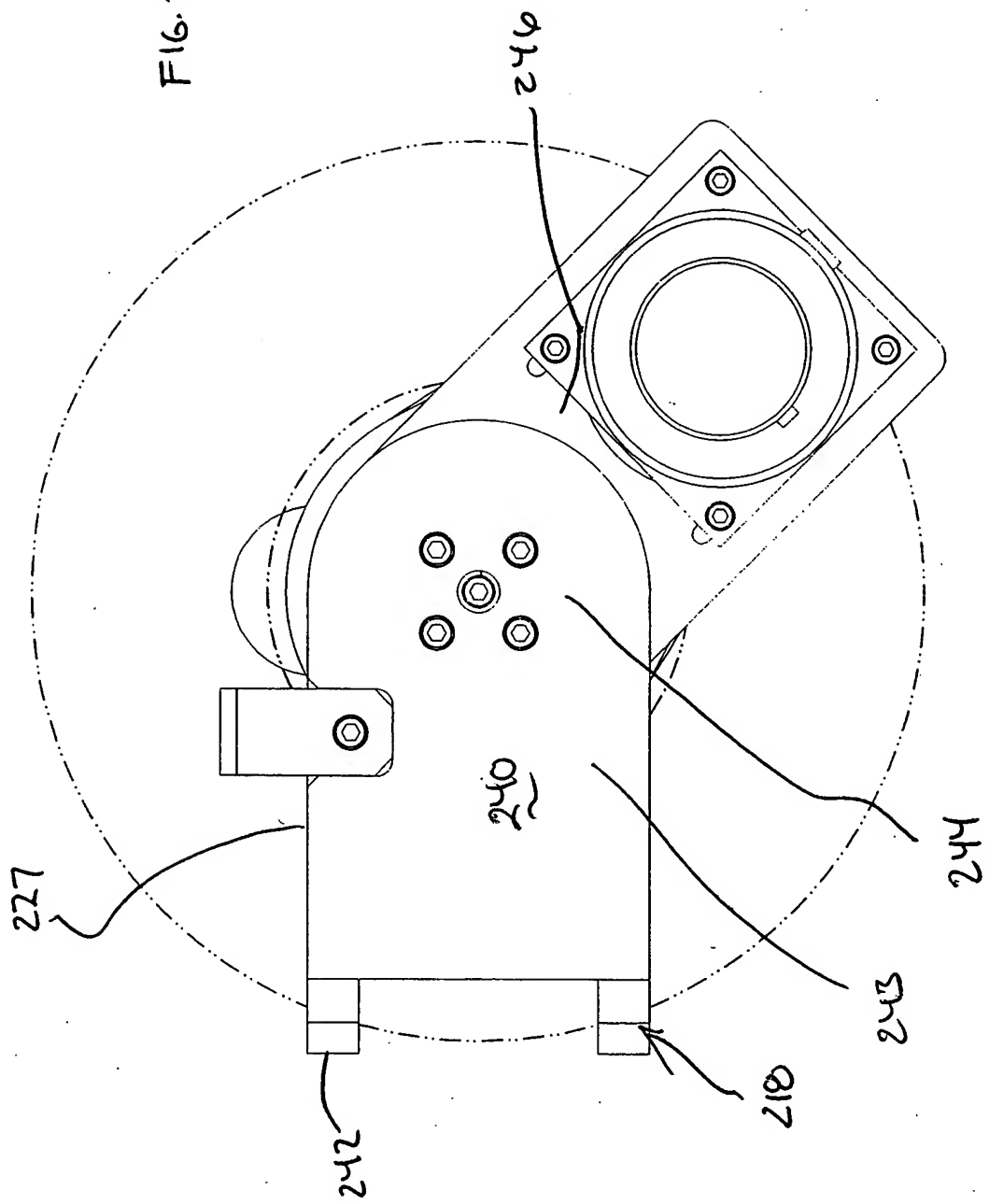


FIG. 21

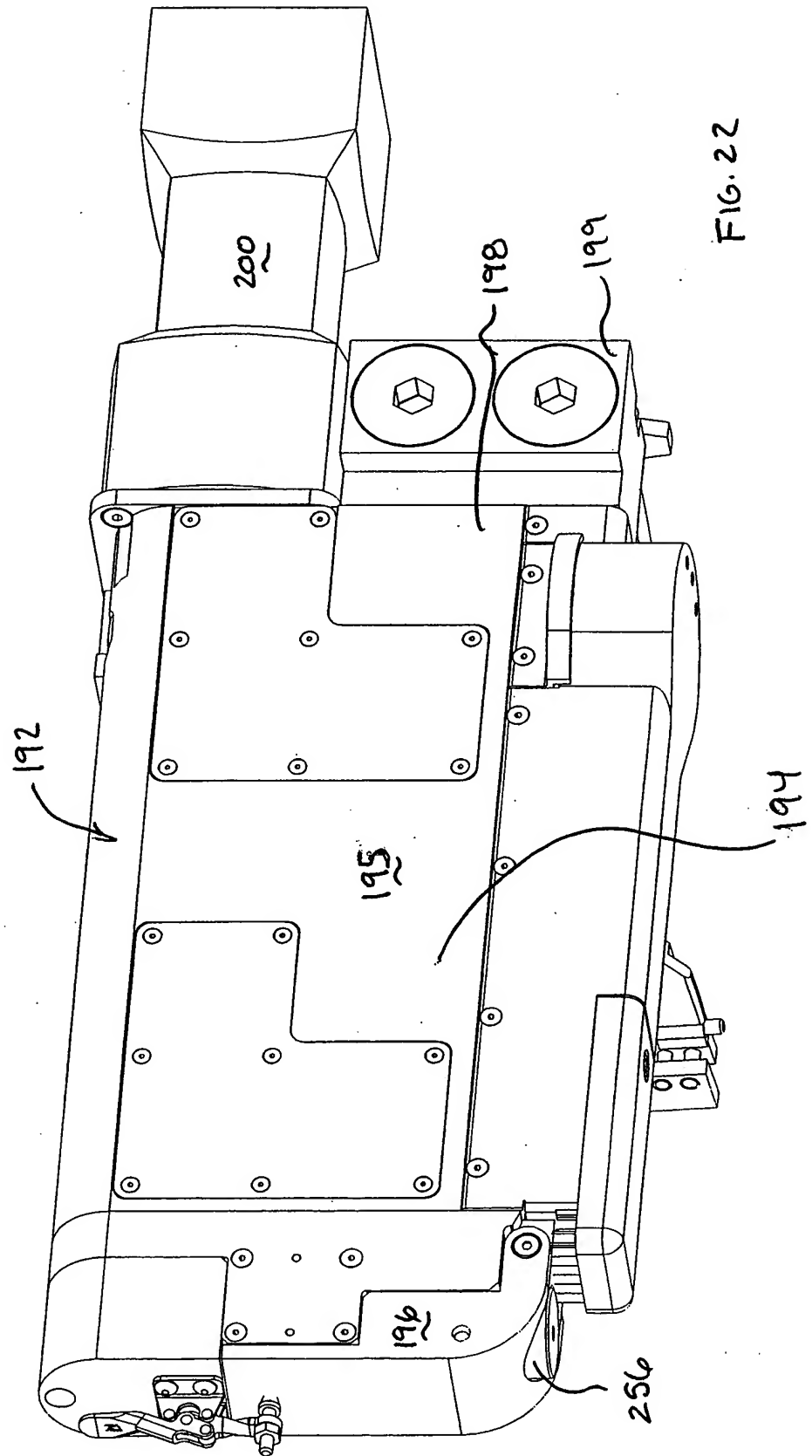
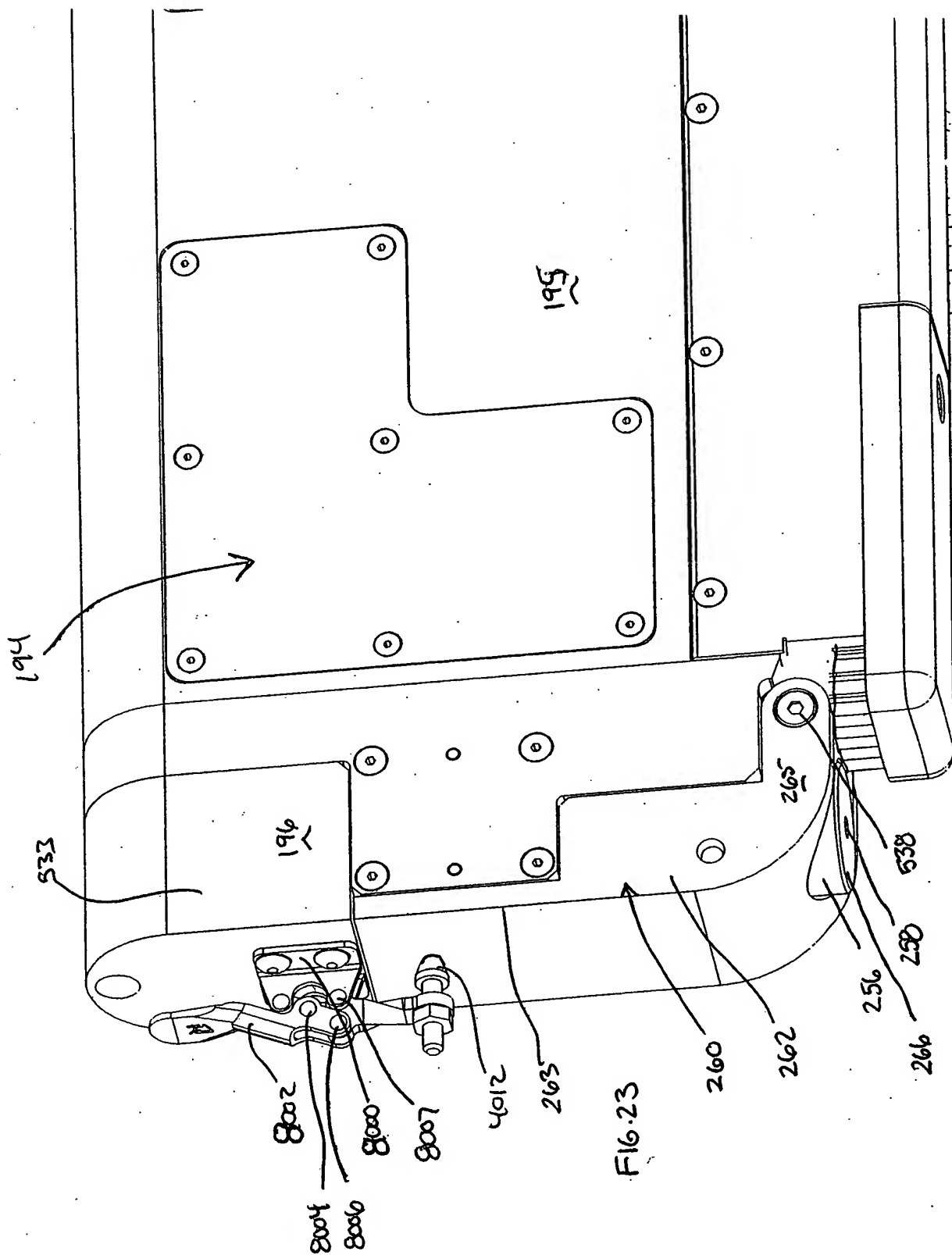
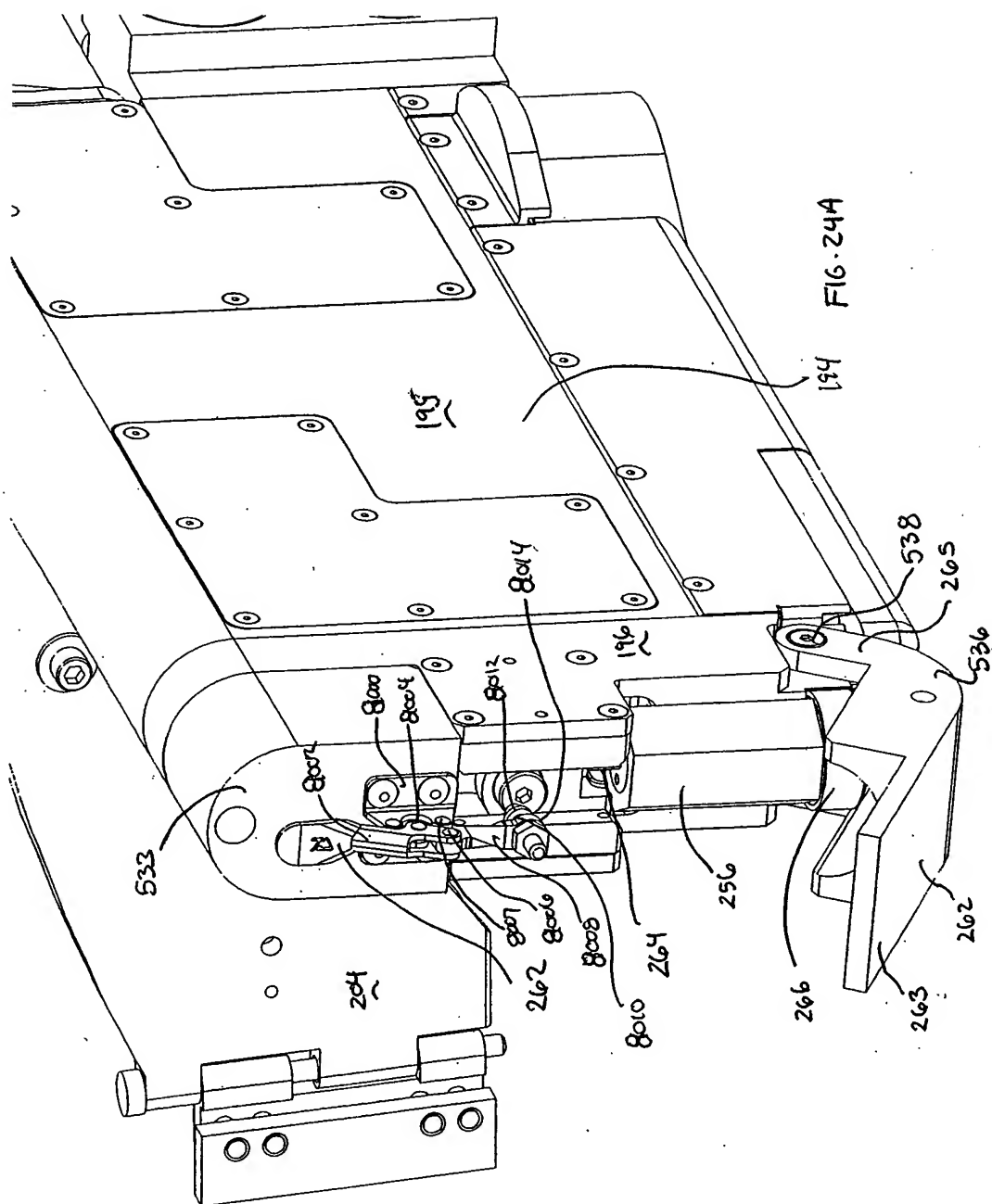
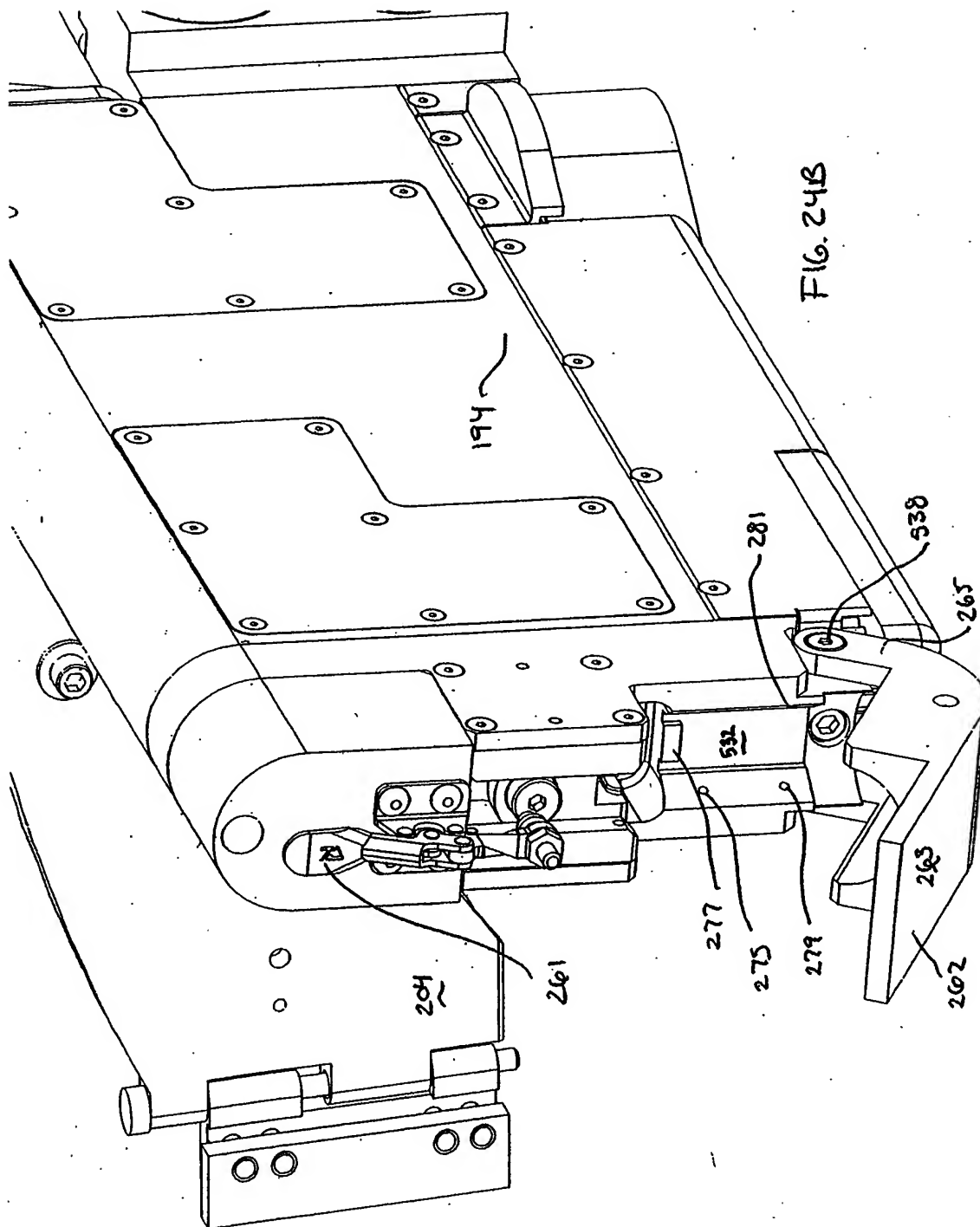


FIG. 22









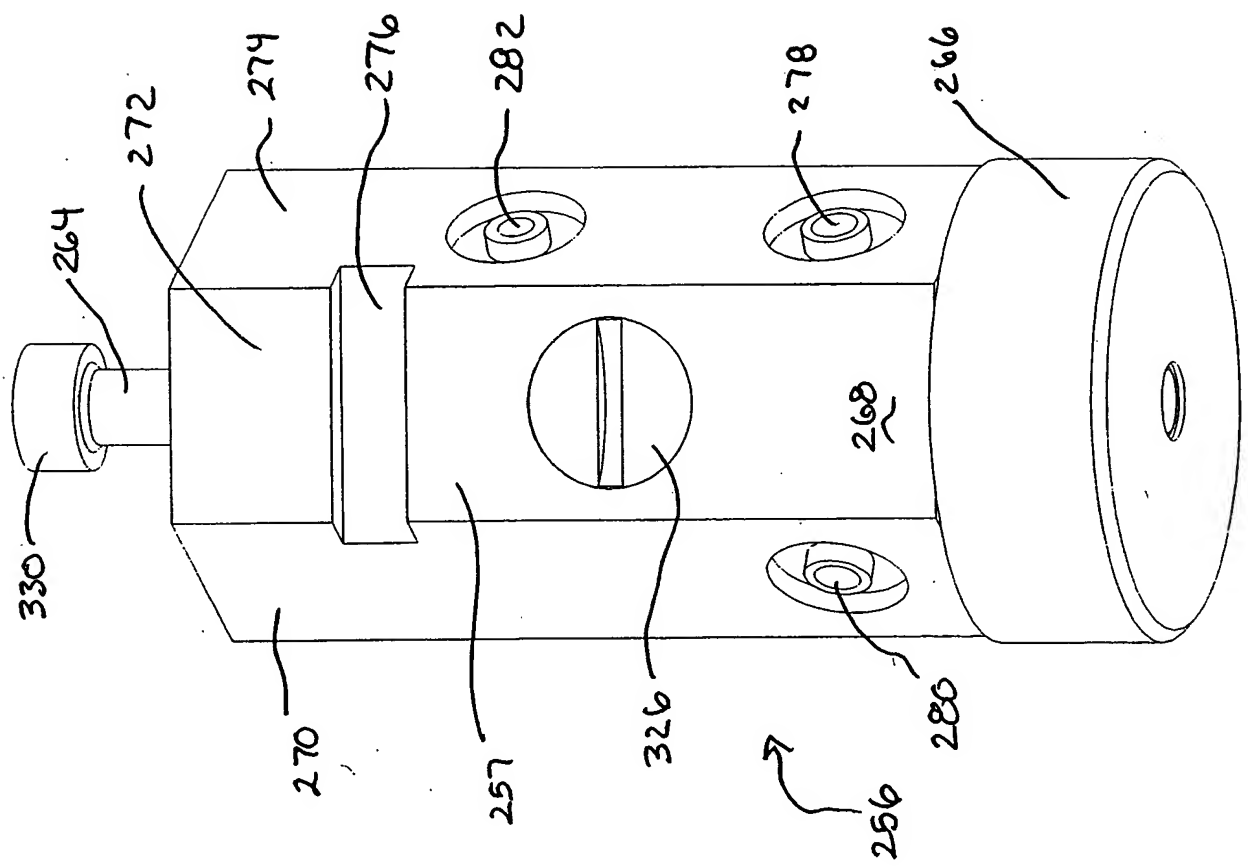


FIG. 25

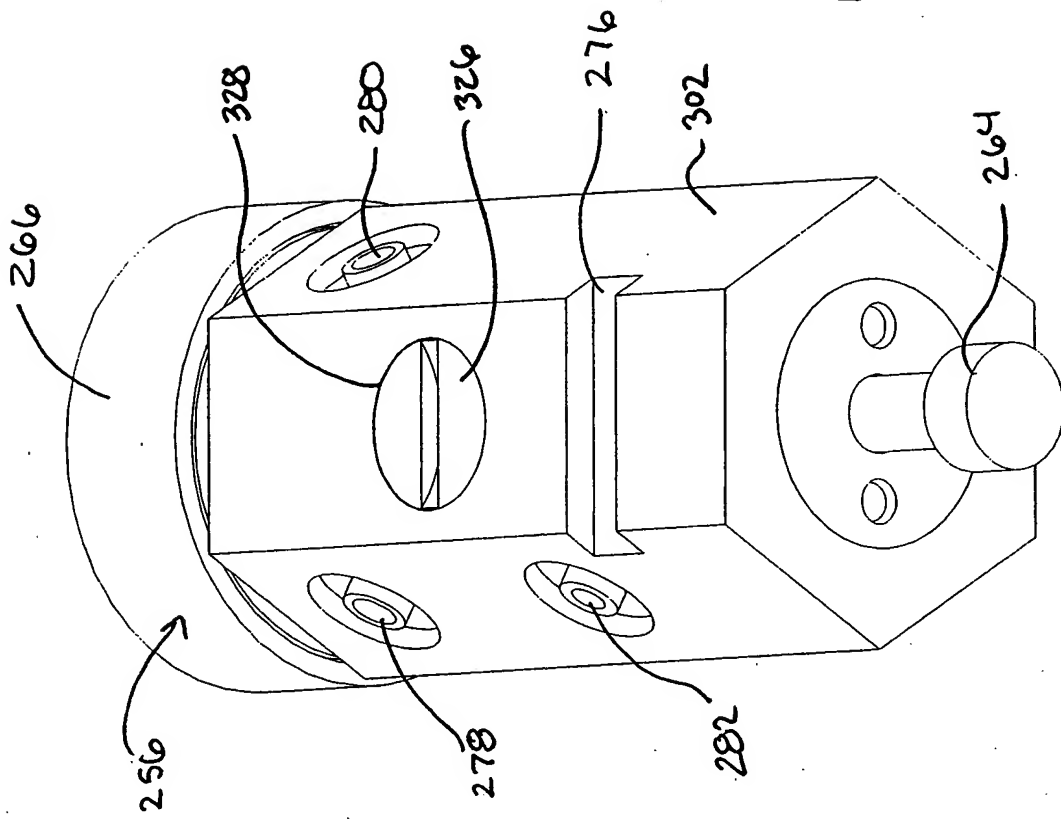
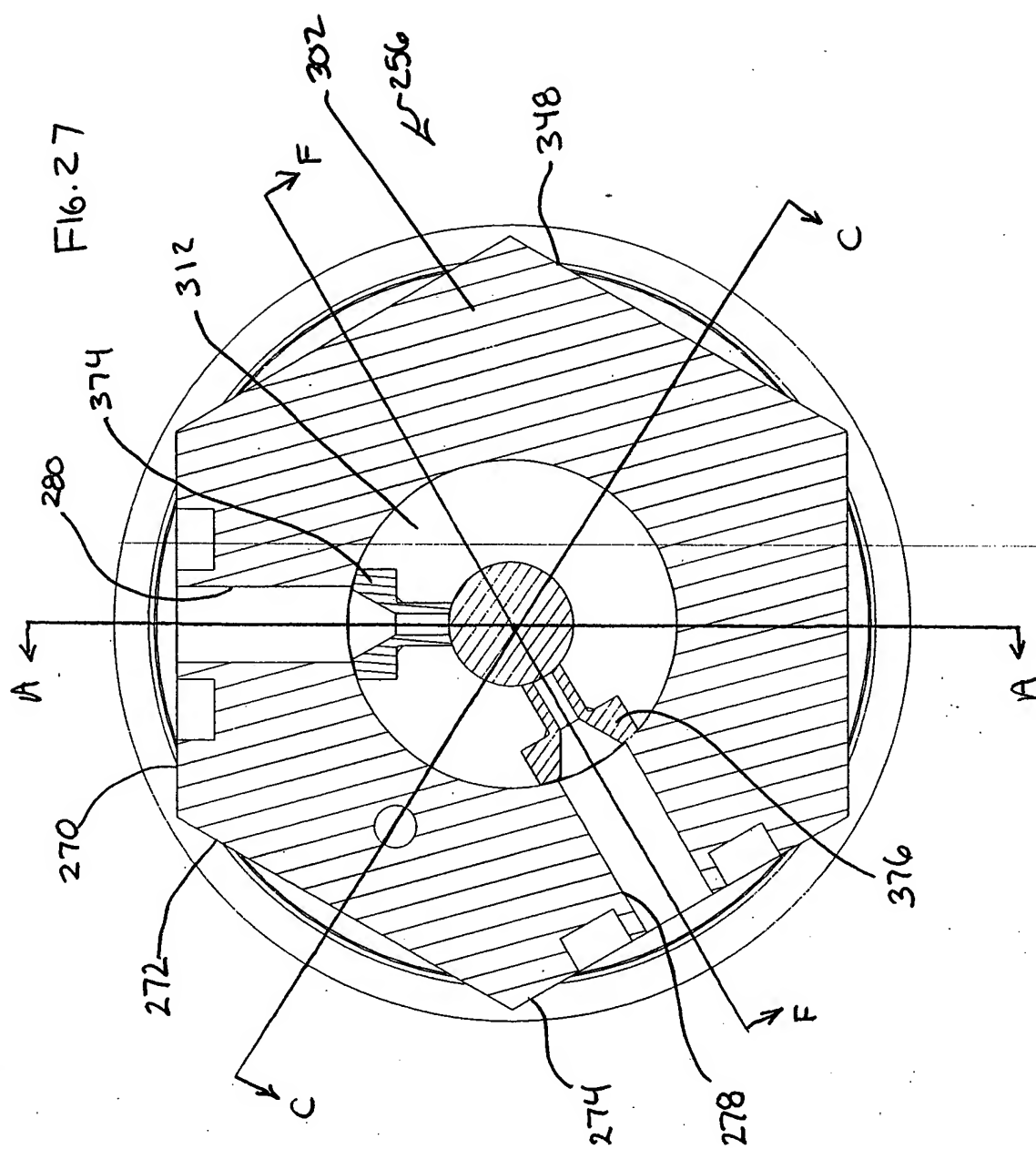


FIG. 26



SEE DETAIL 28A

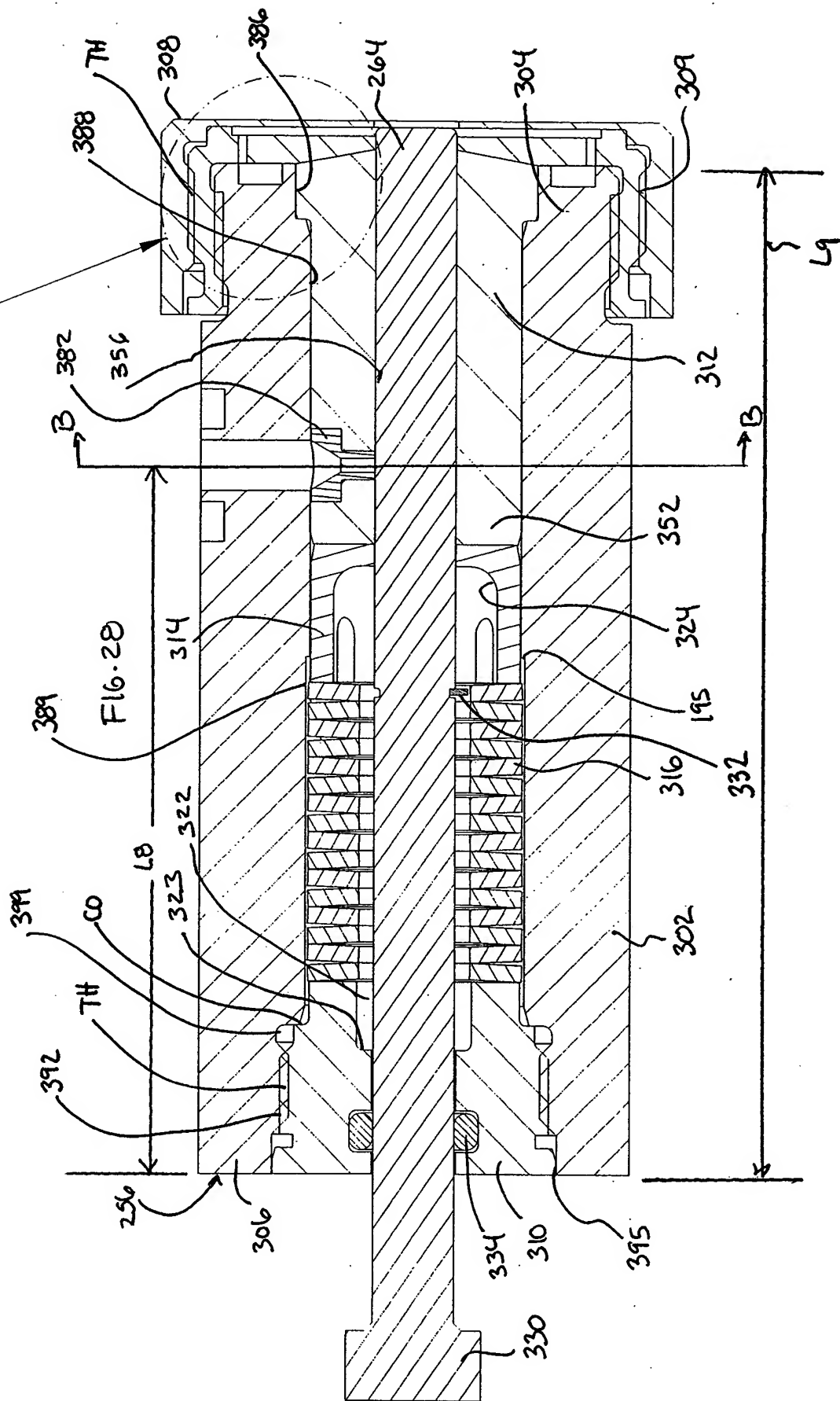
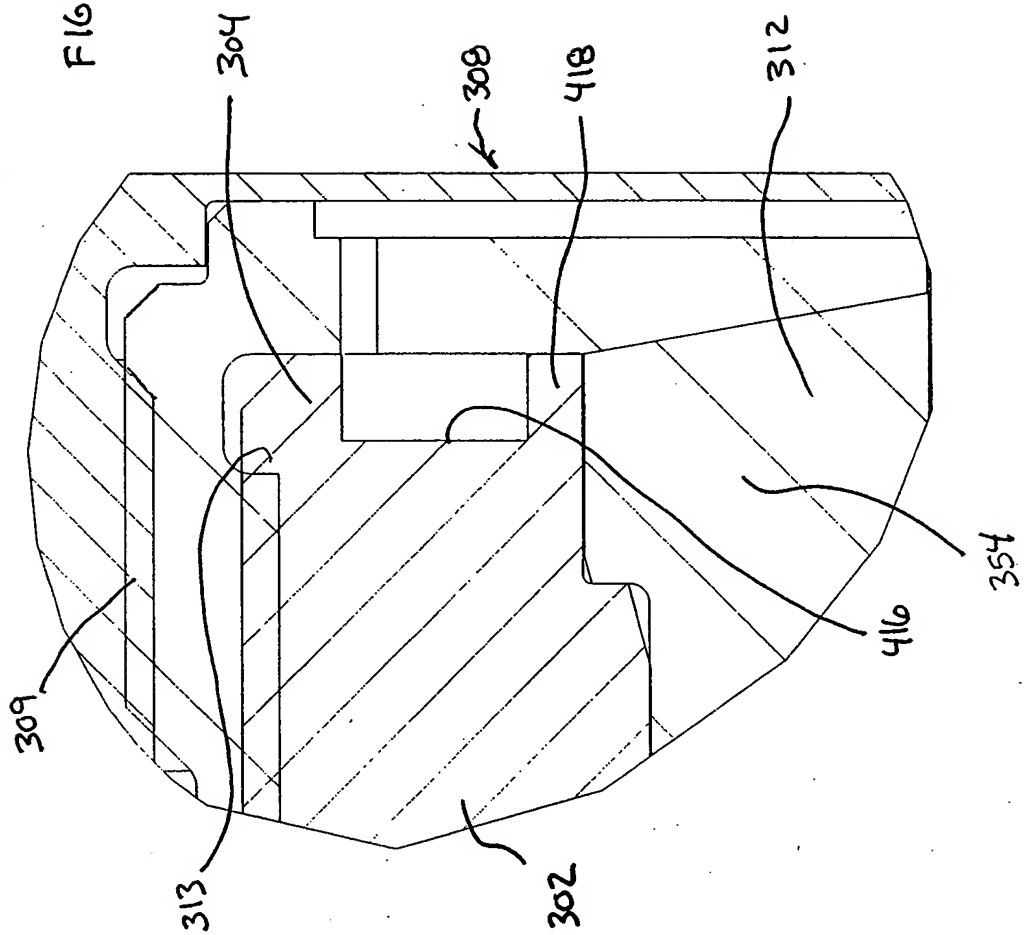


FIG. 28A







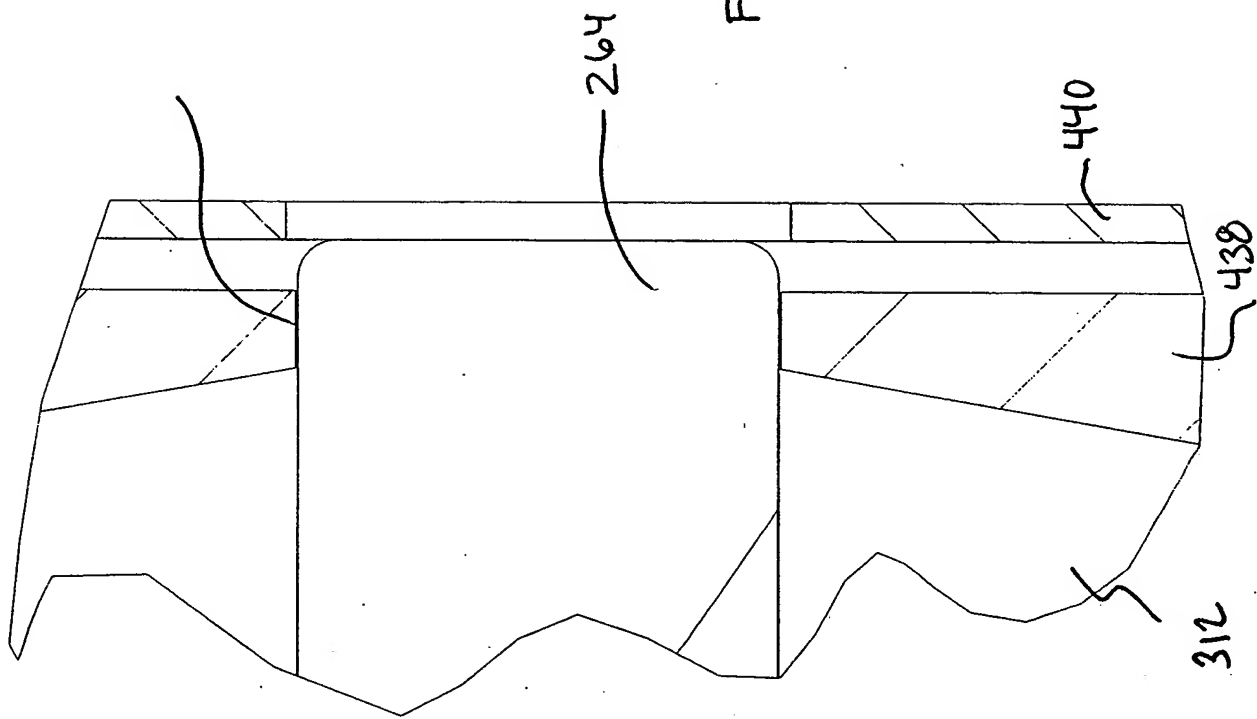
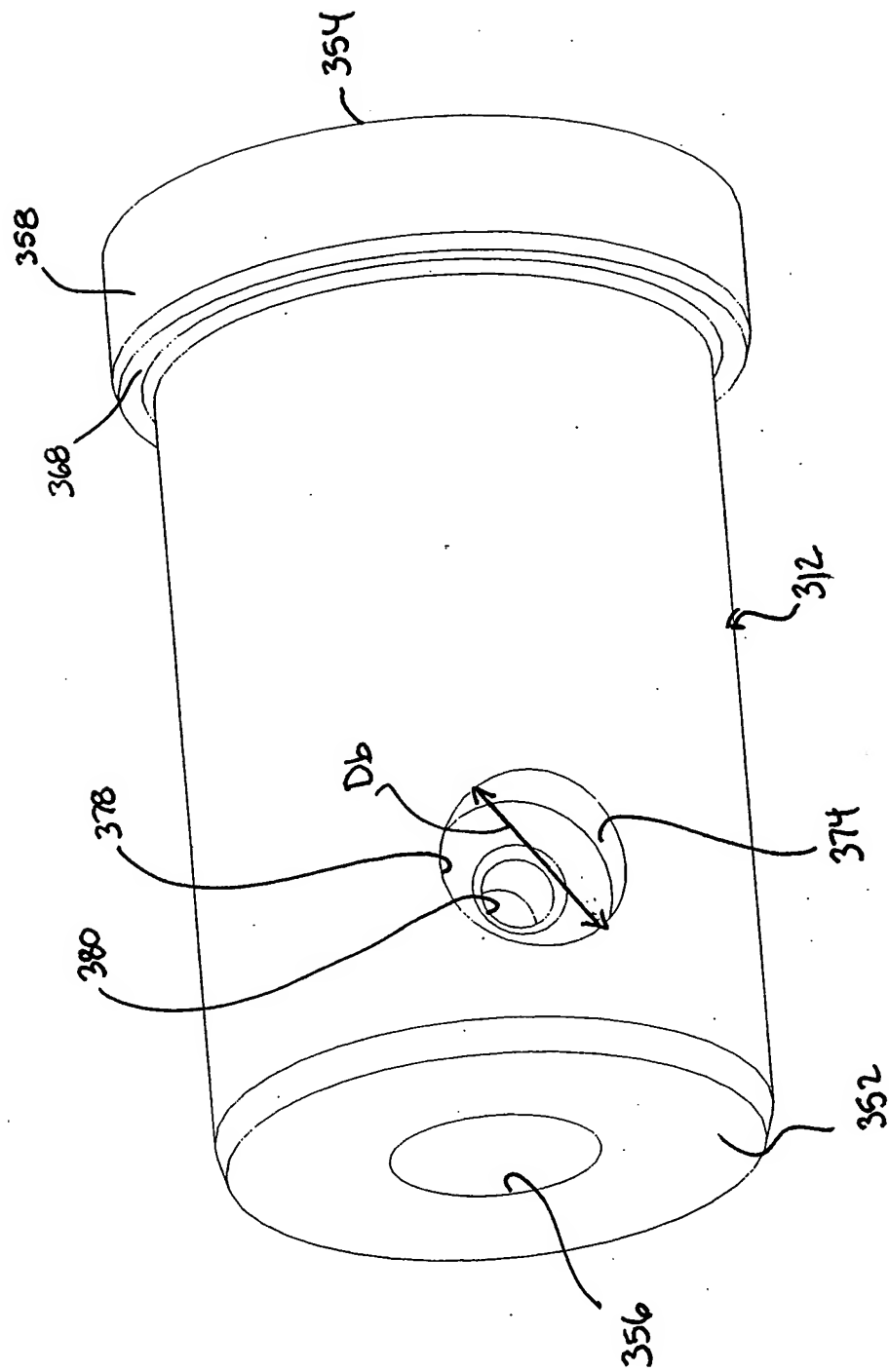
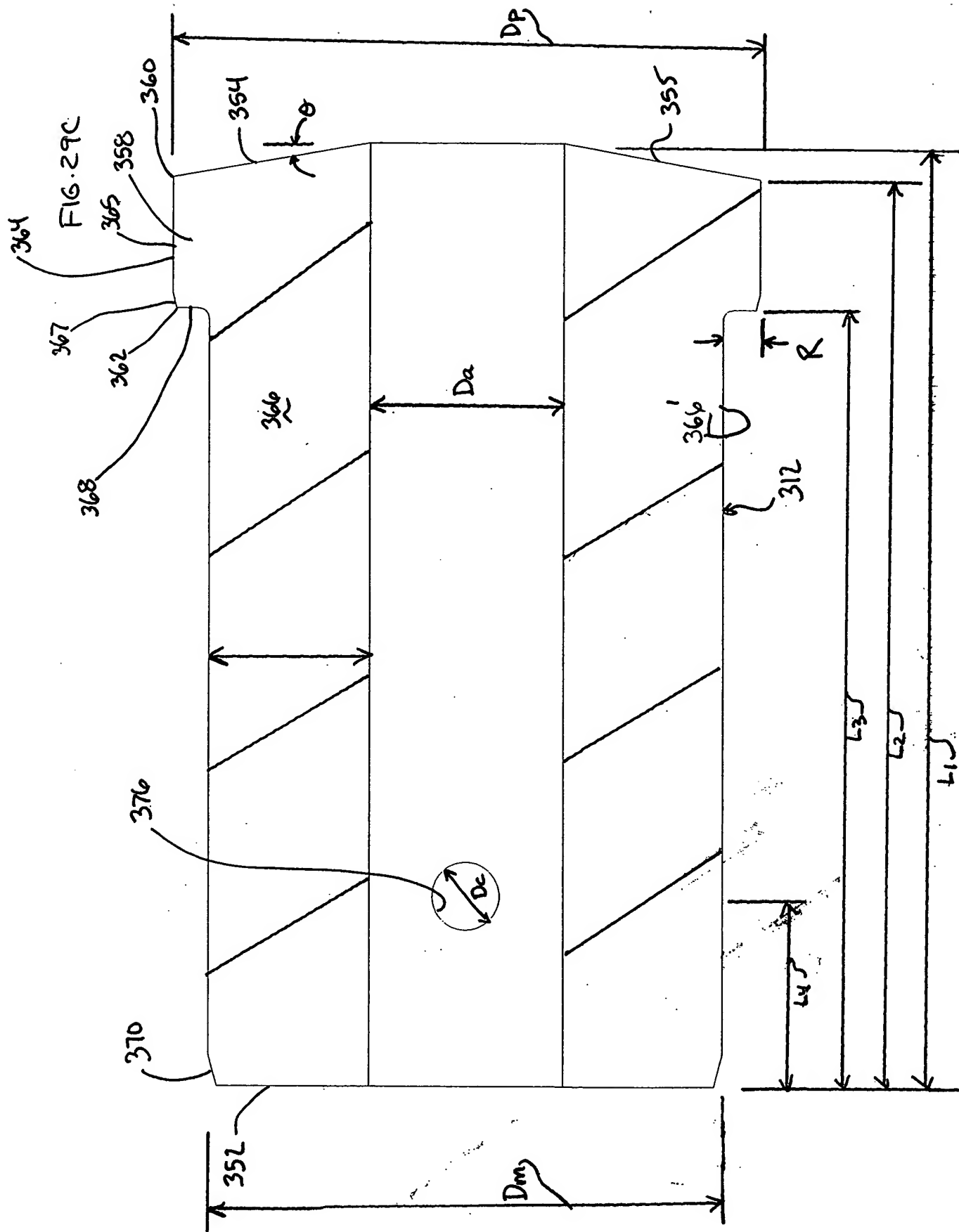


FIG. 29A

FIG. 29B





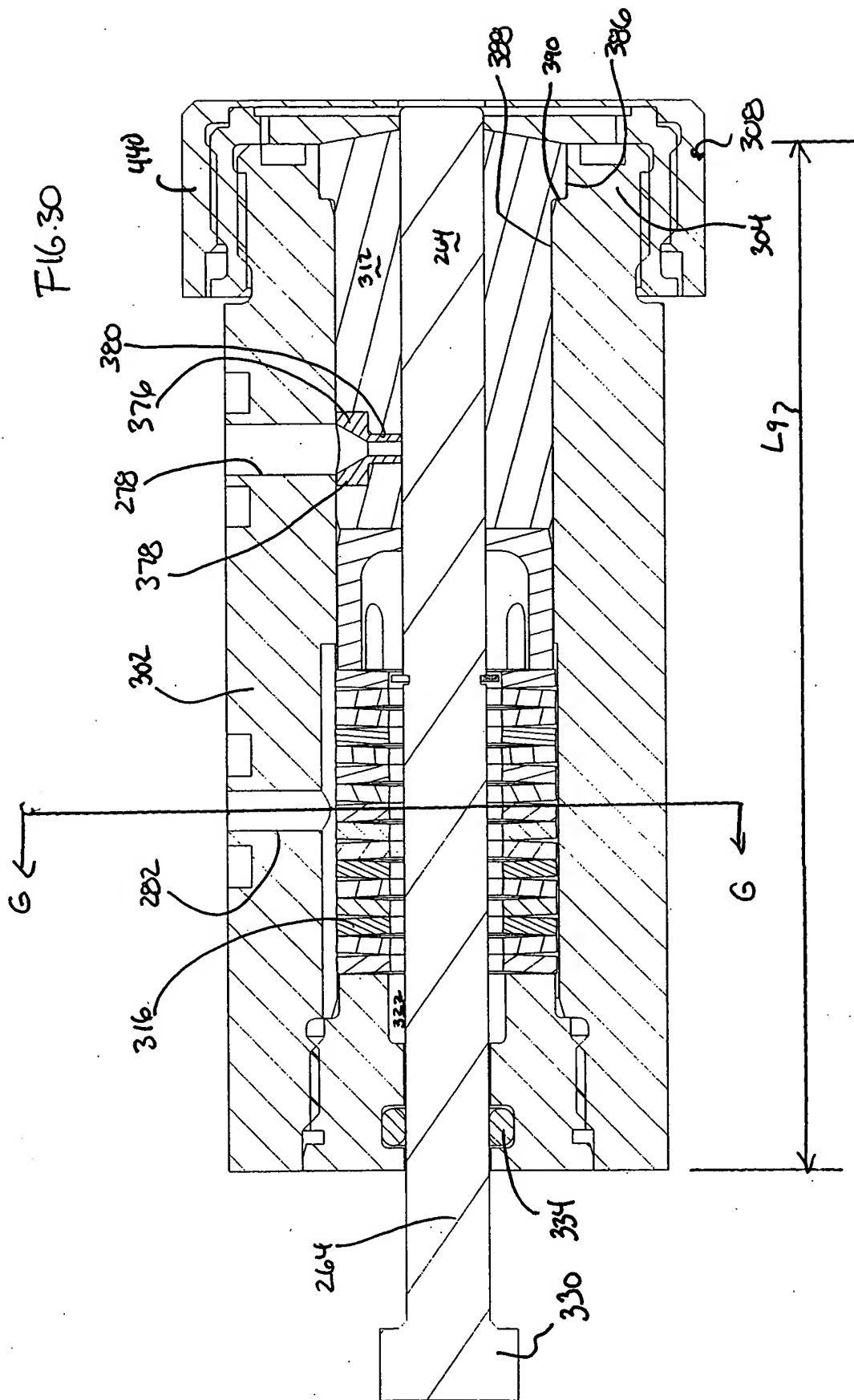
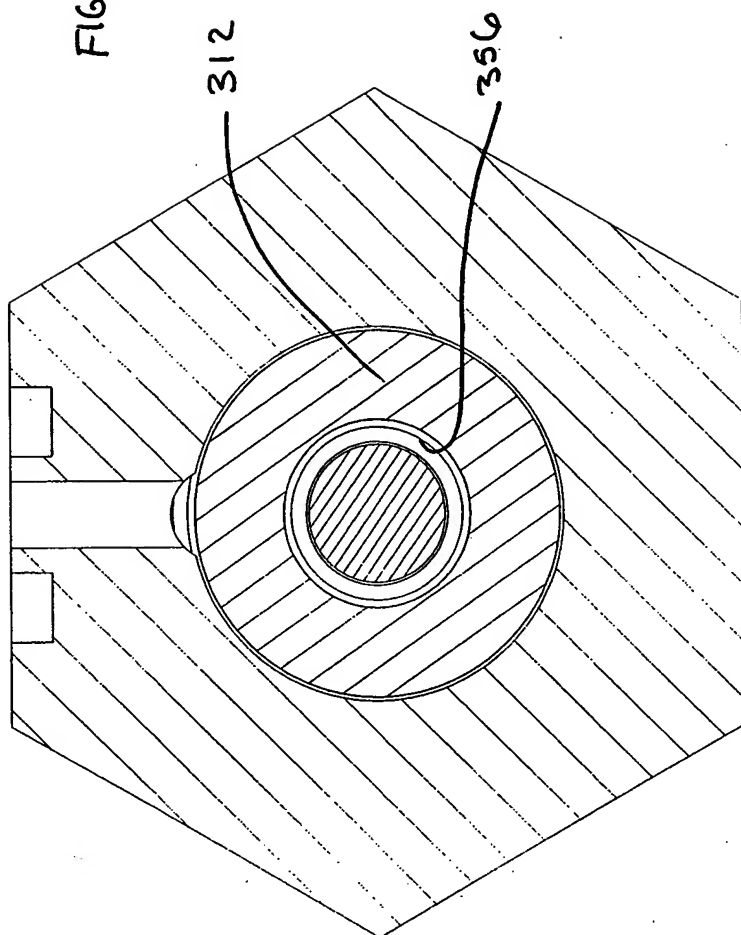


FIG. 31



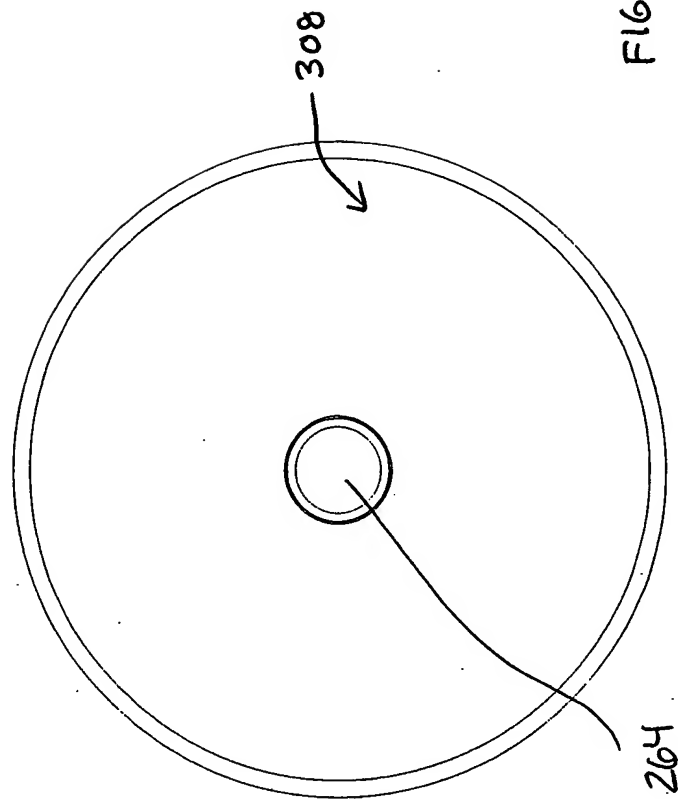
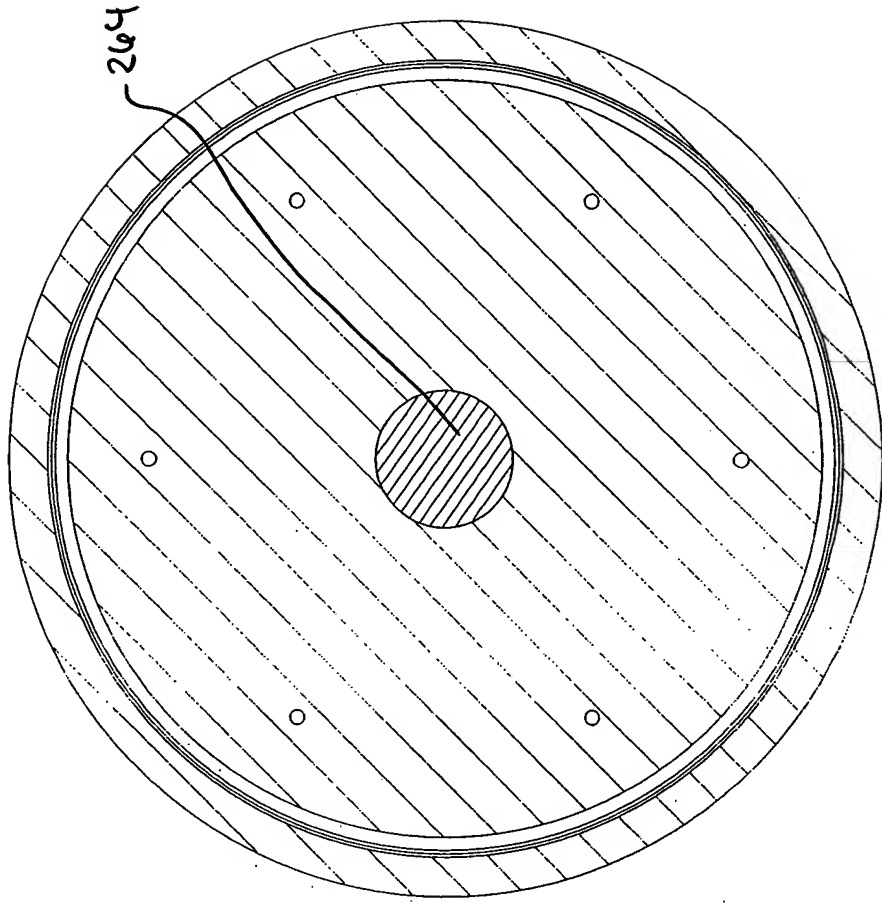
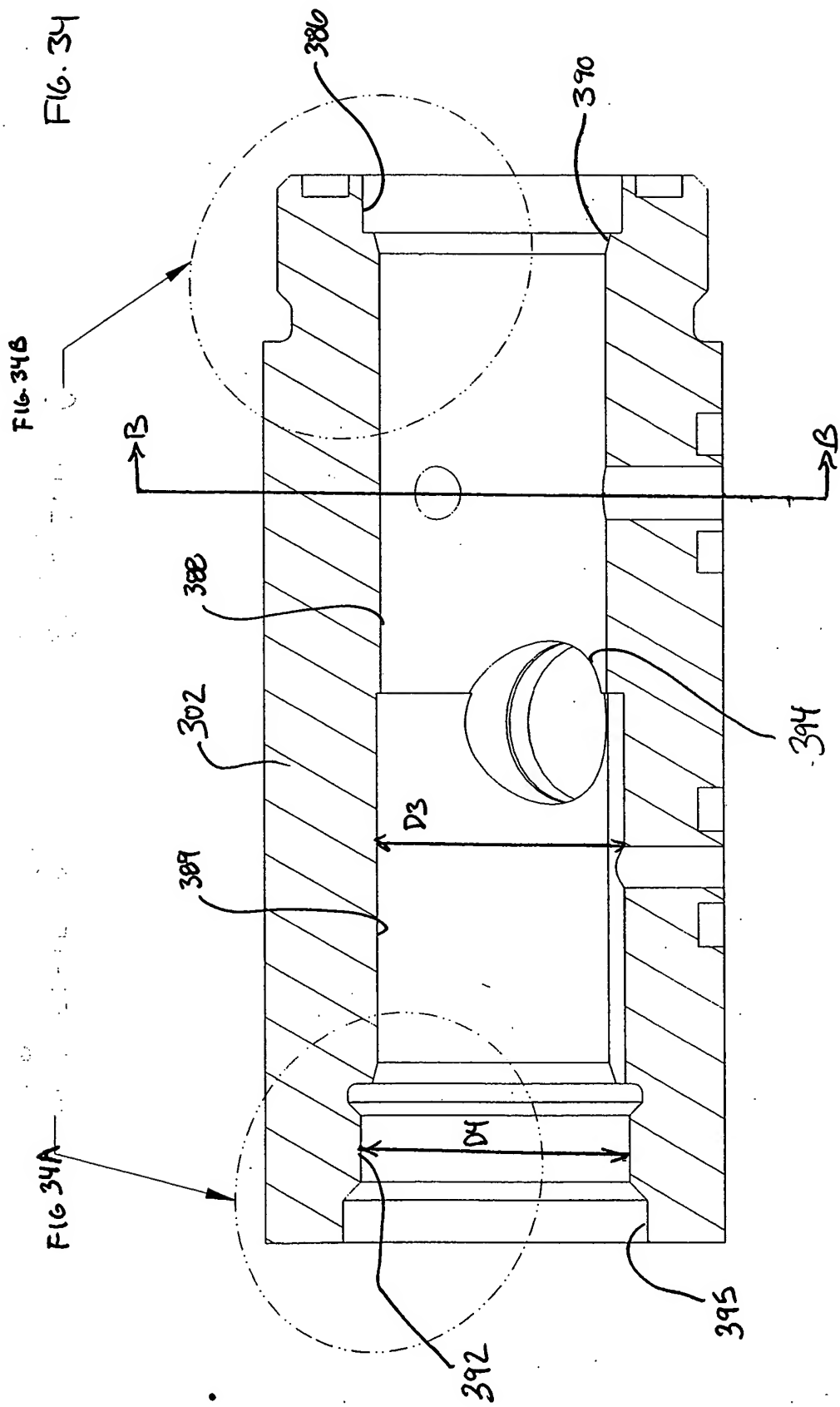


FIG. 32

FIG. 33







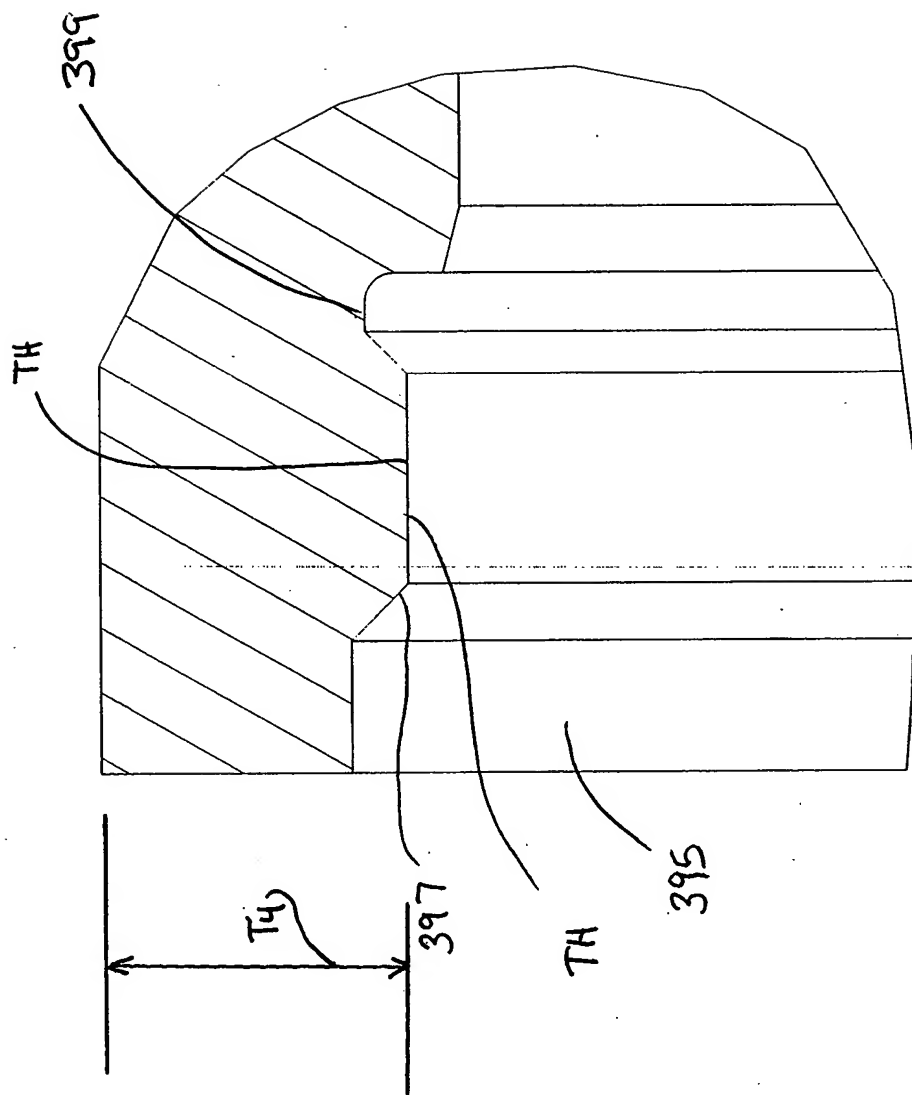


FIG. 34A

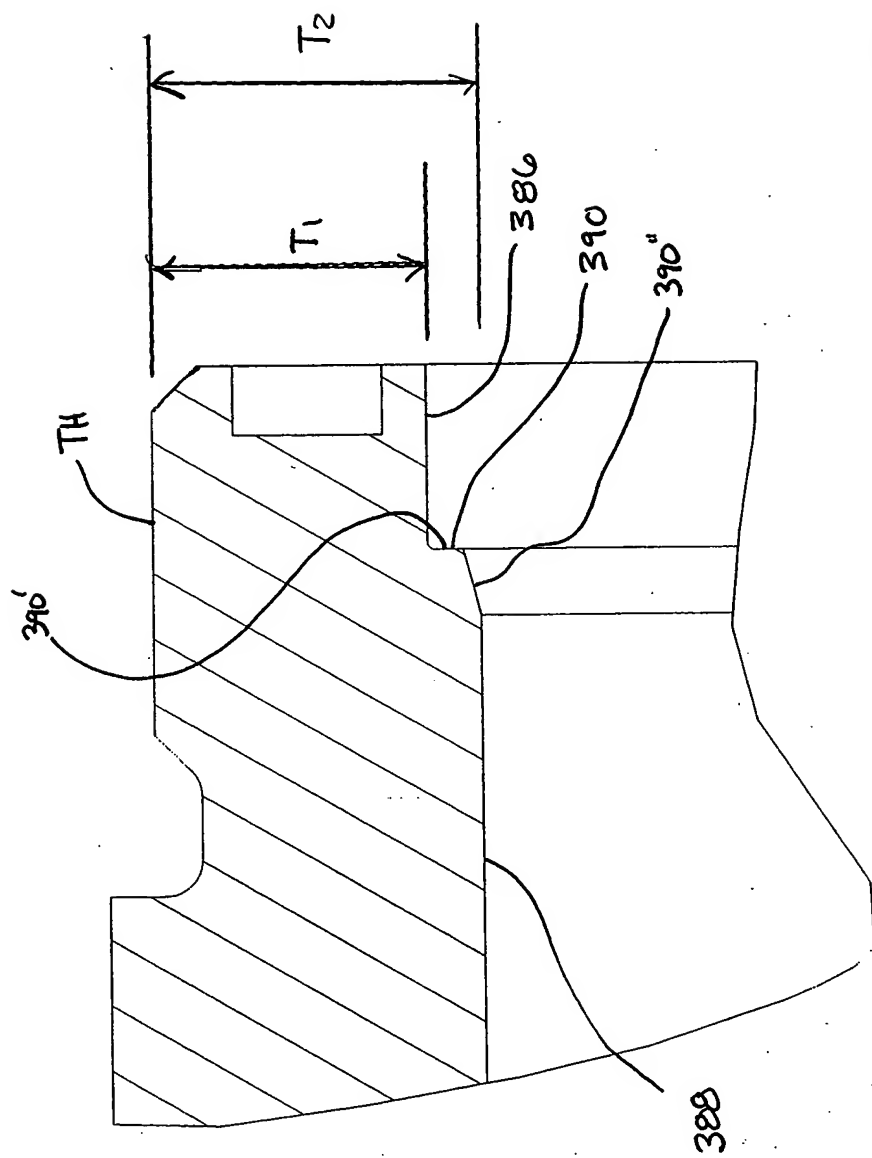


FIG. 34B

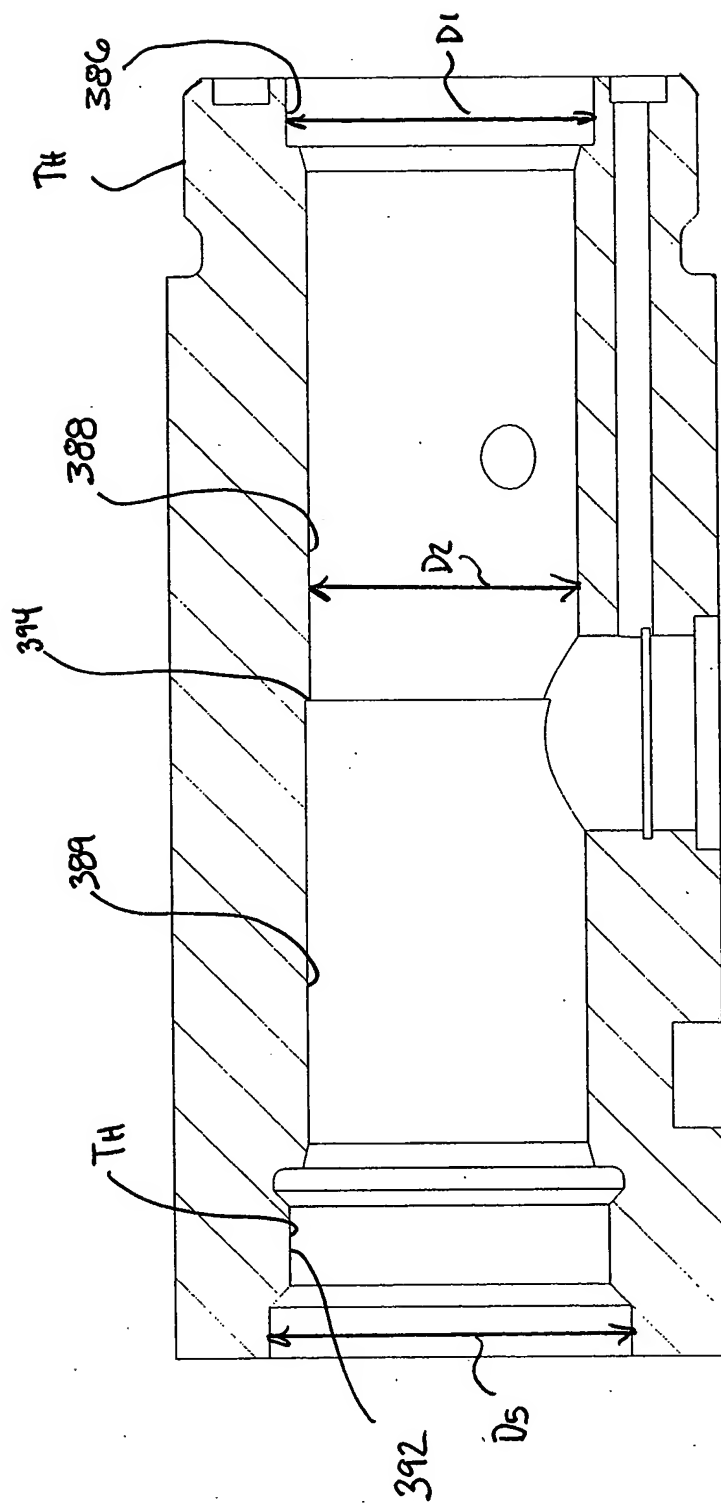


FIG. 35

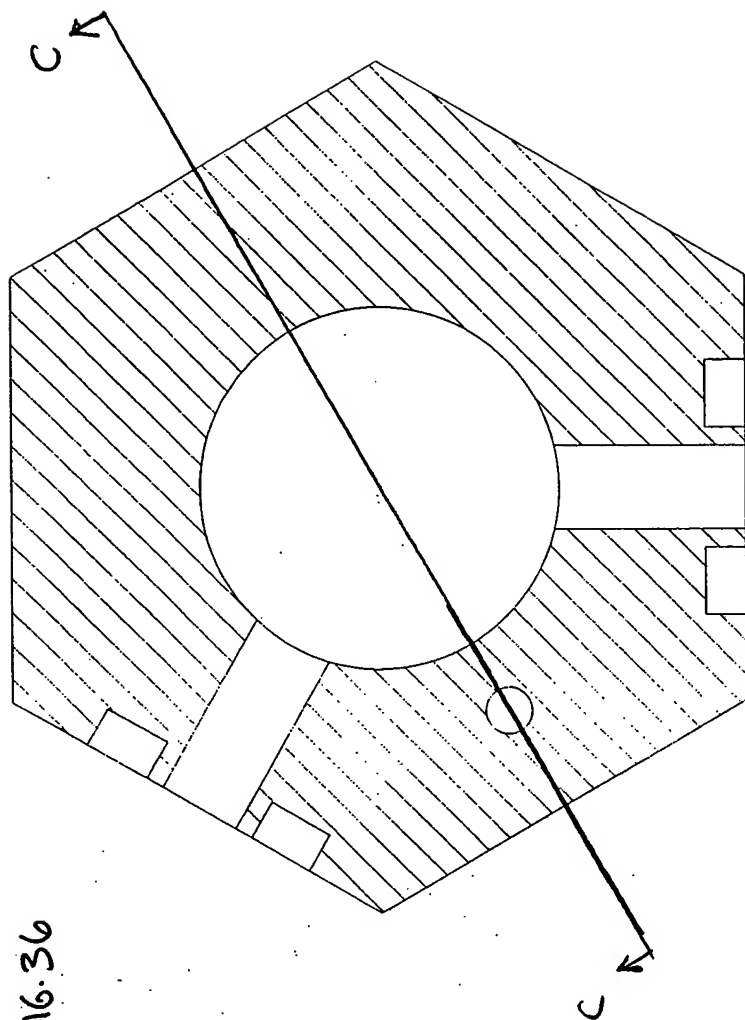
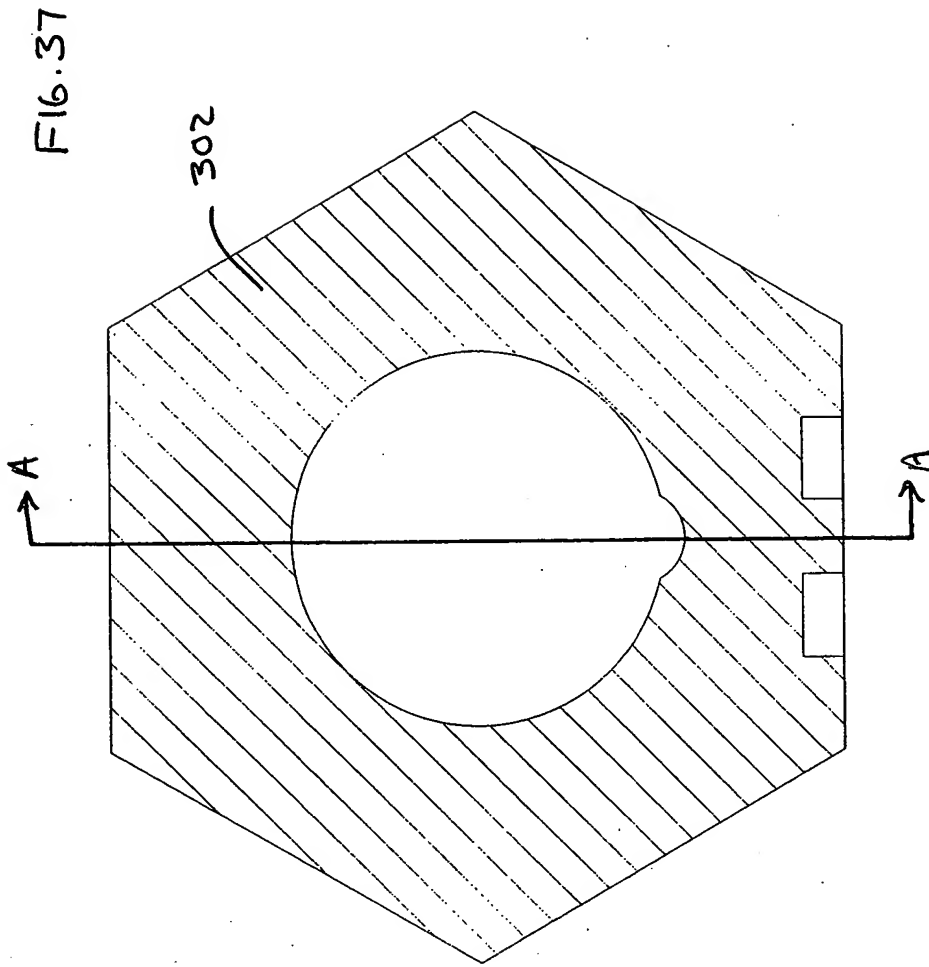


Fig. 36



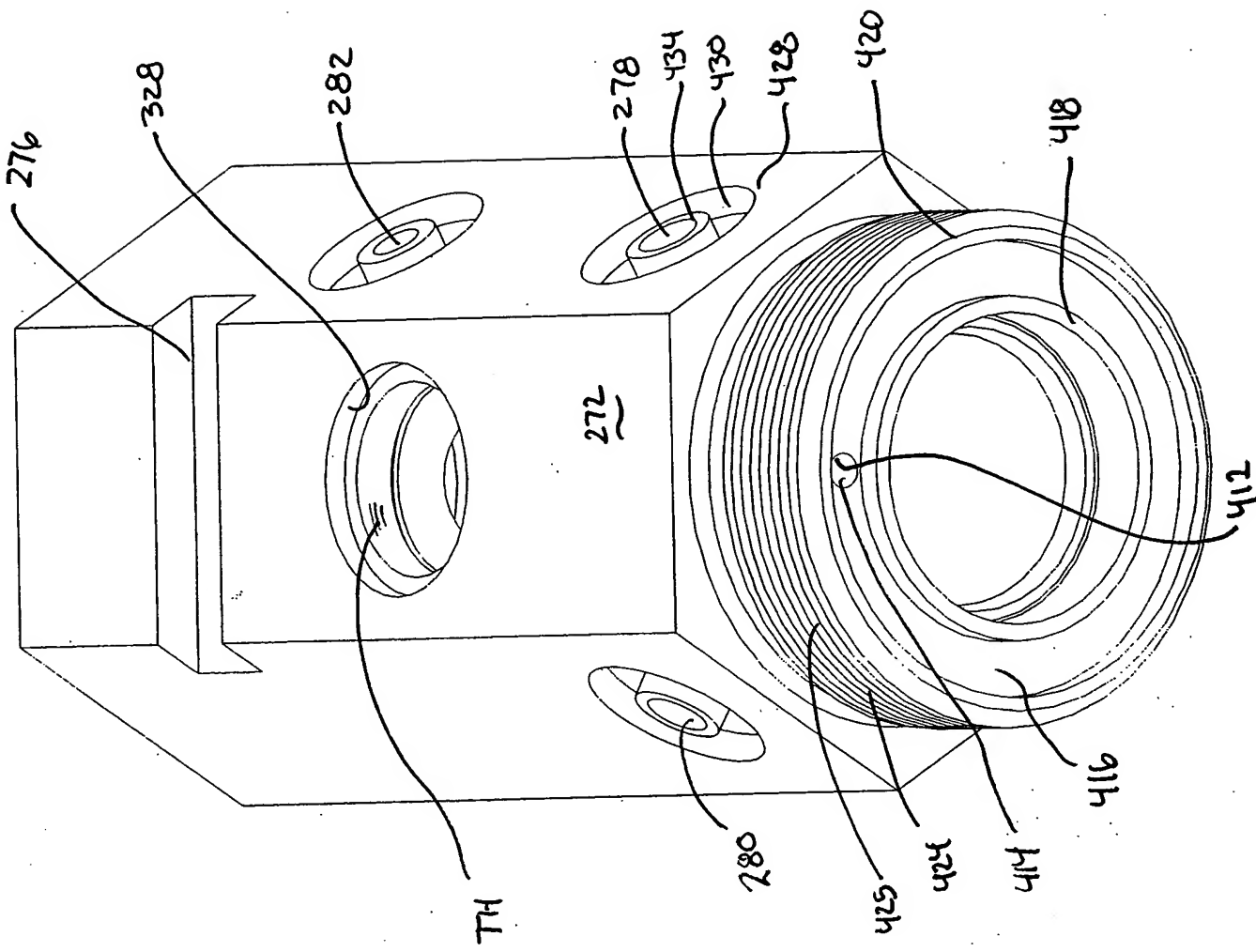
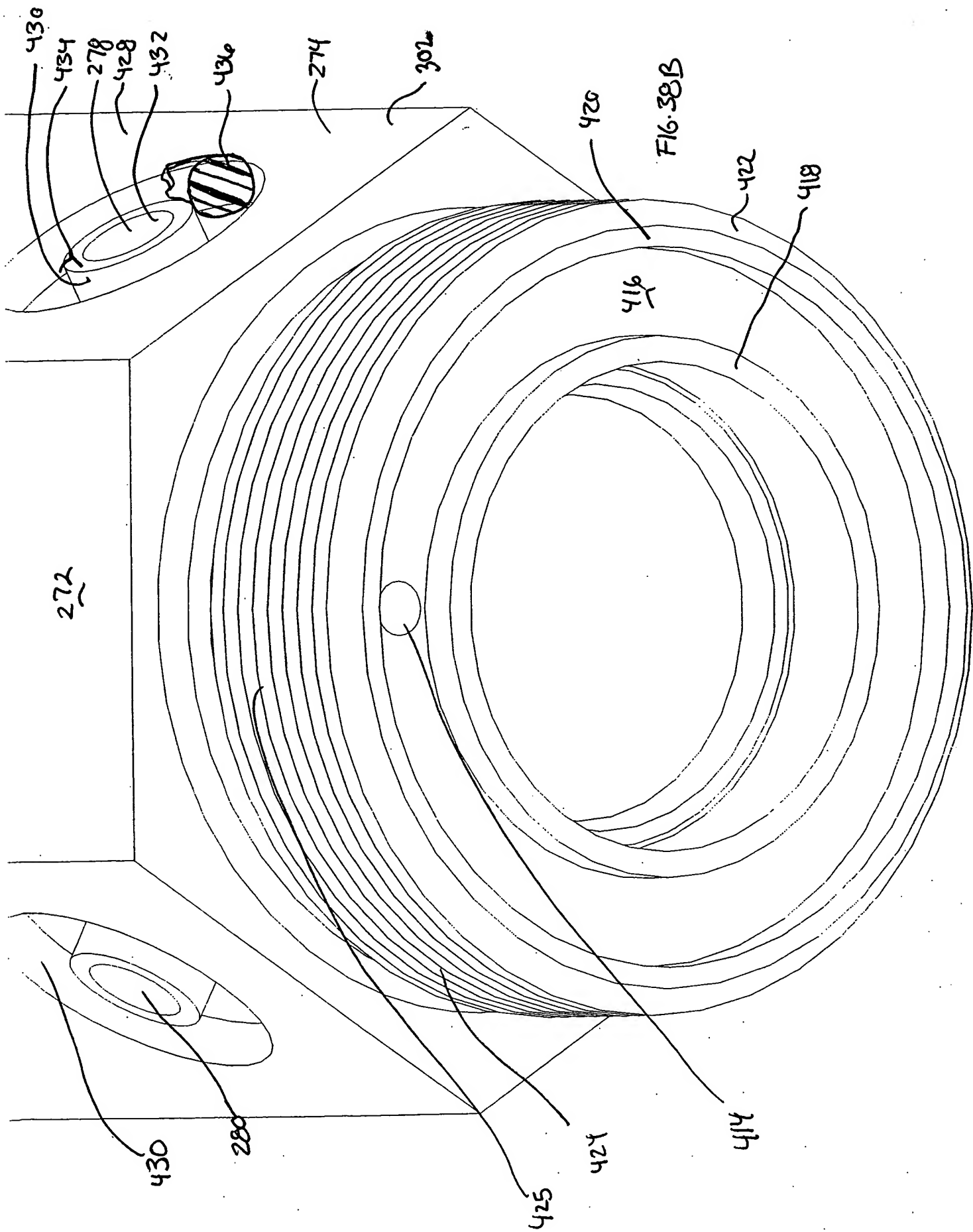
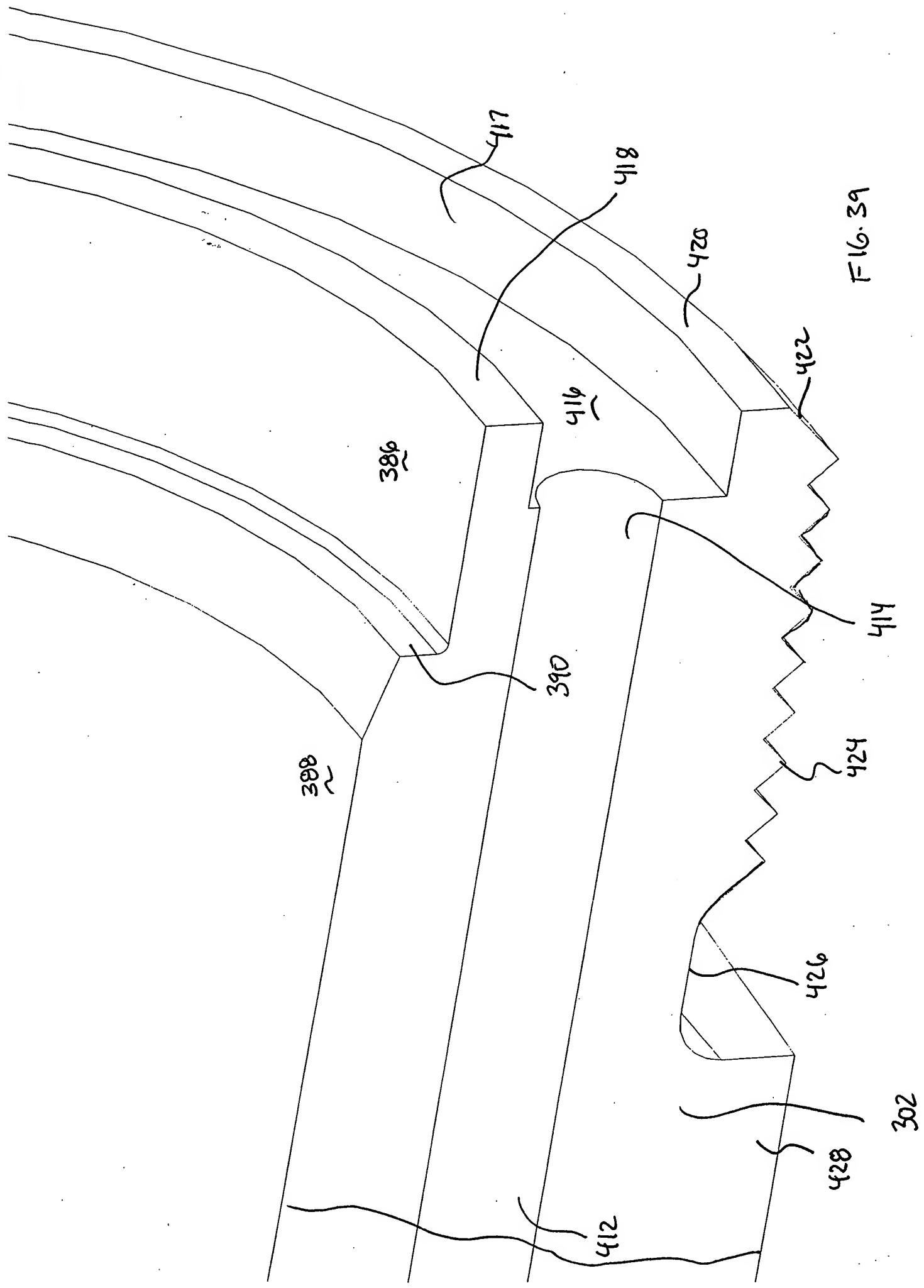


FIG. 38A





F16.39



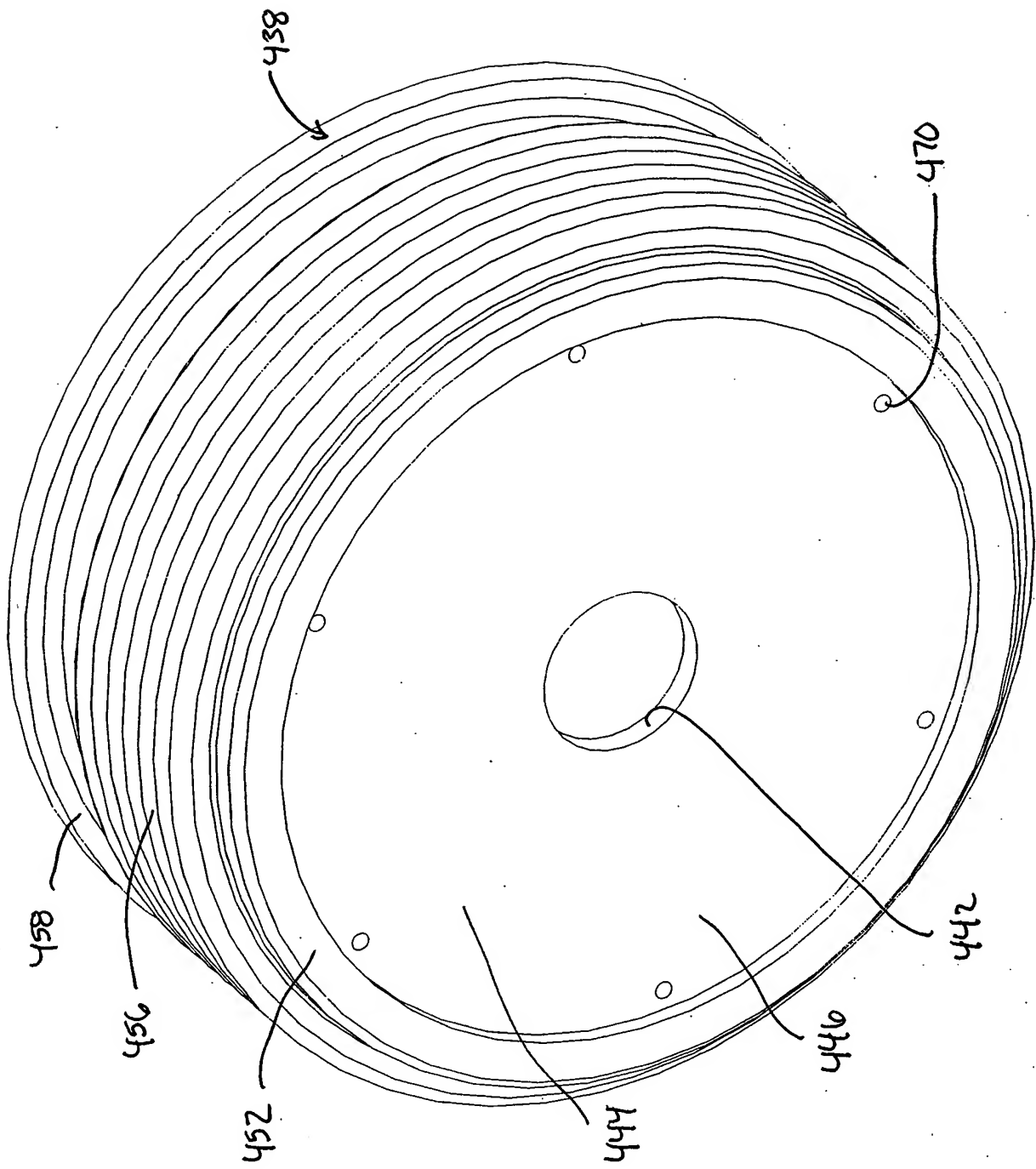
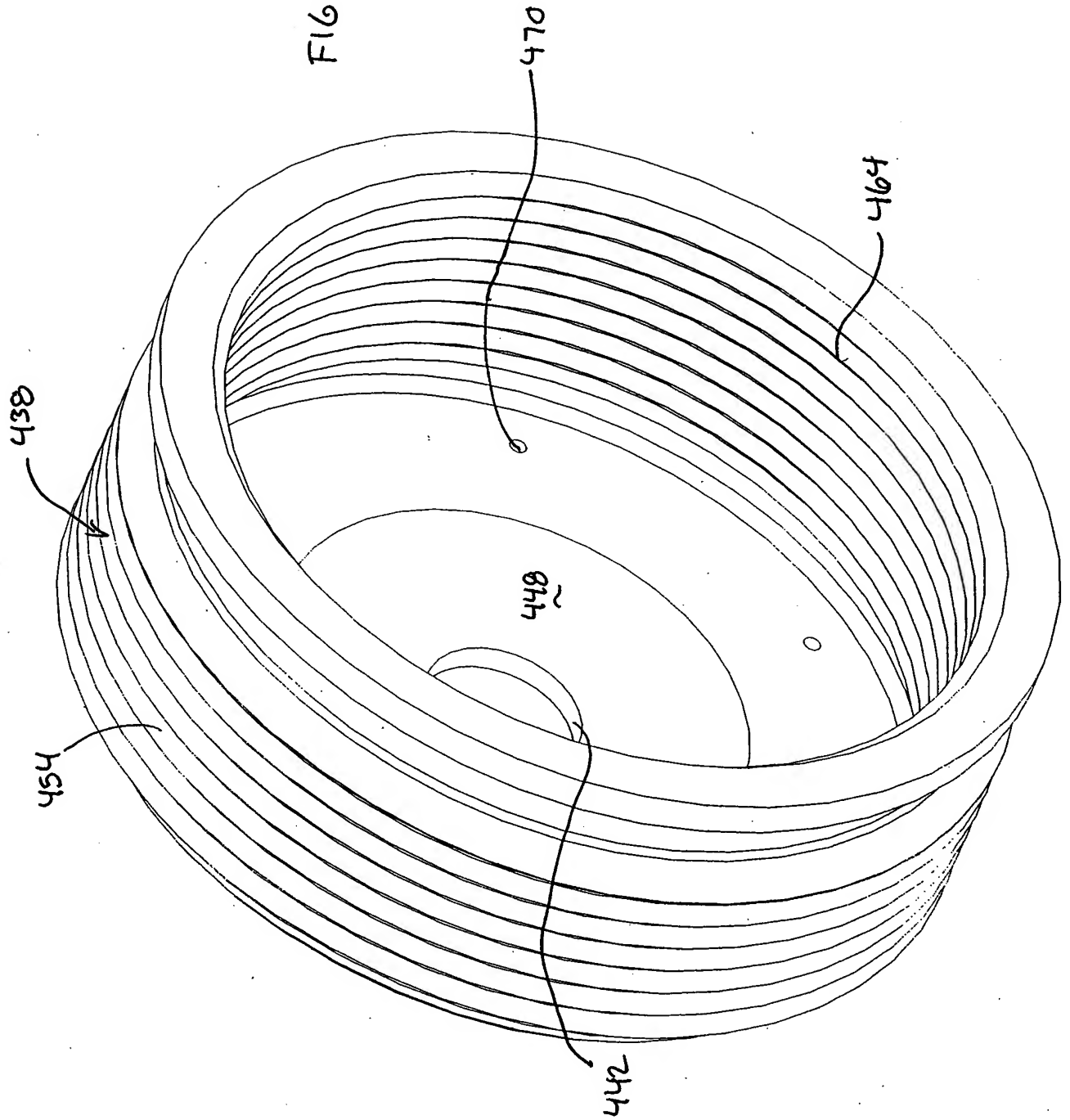
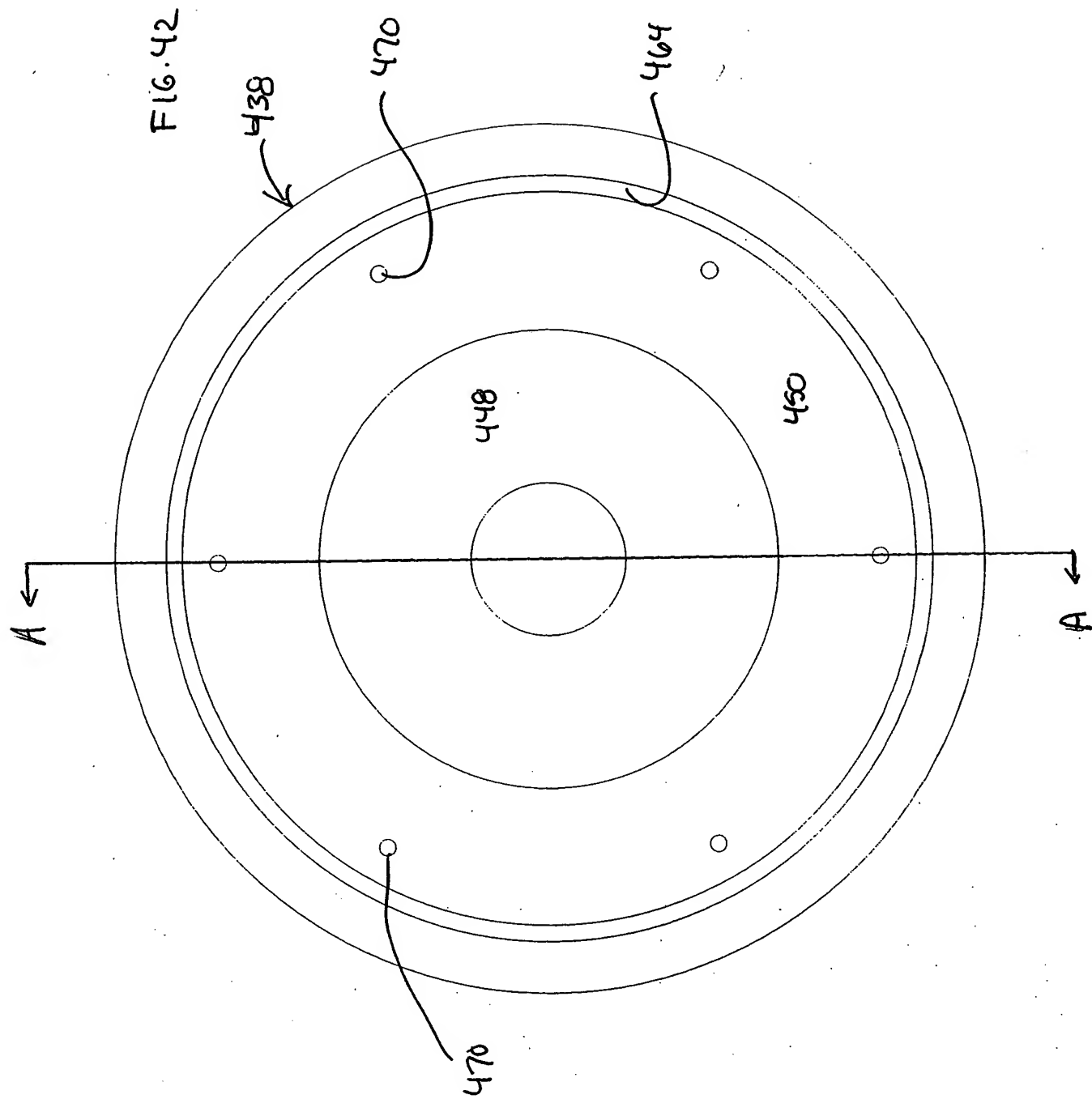


FIG. 40

FIG. 41





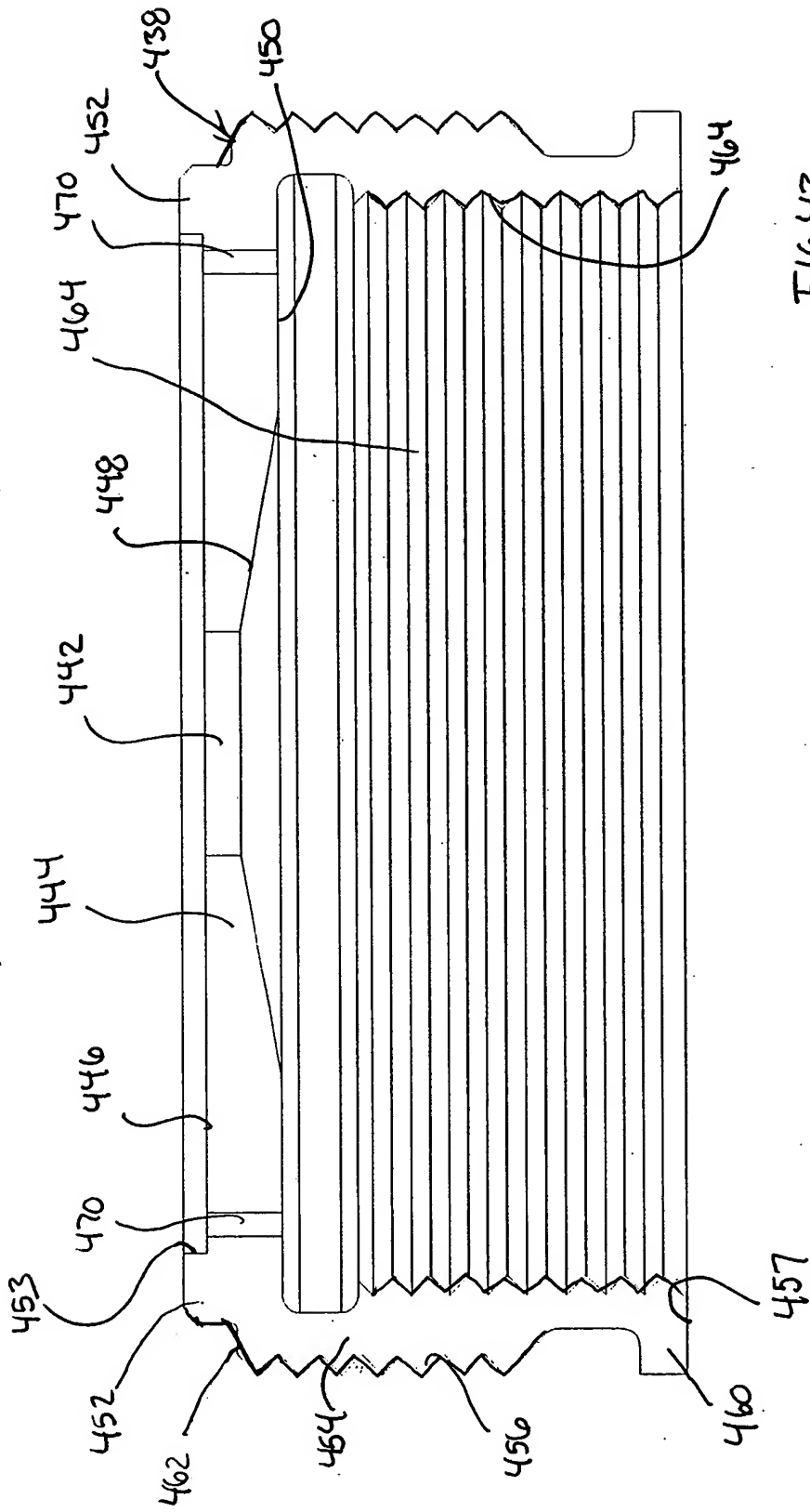
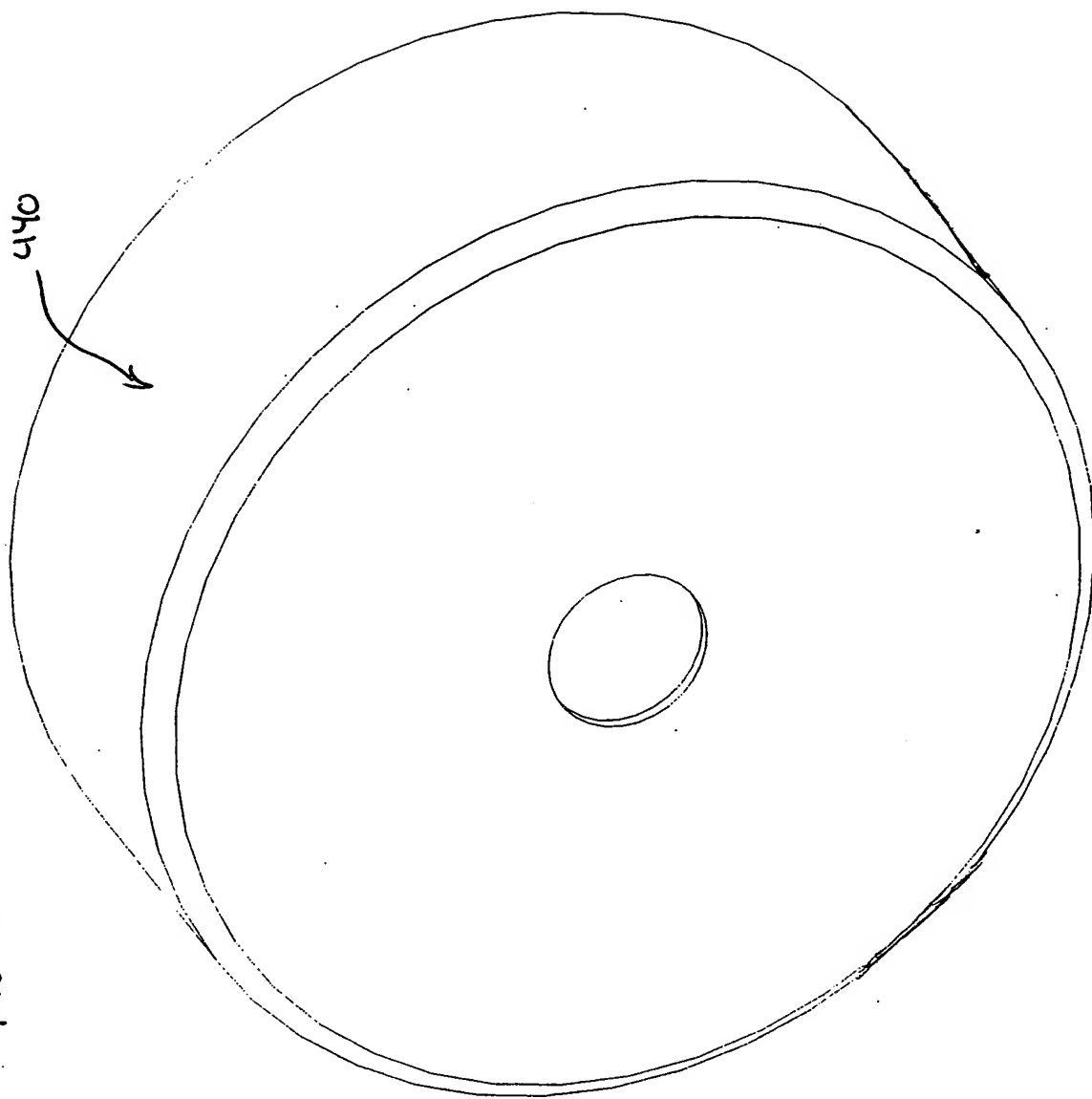


FIG. 43

FIG. 44



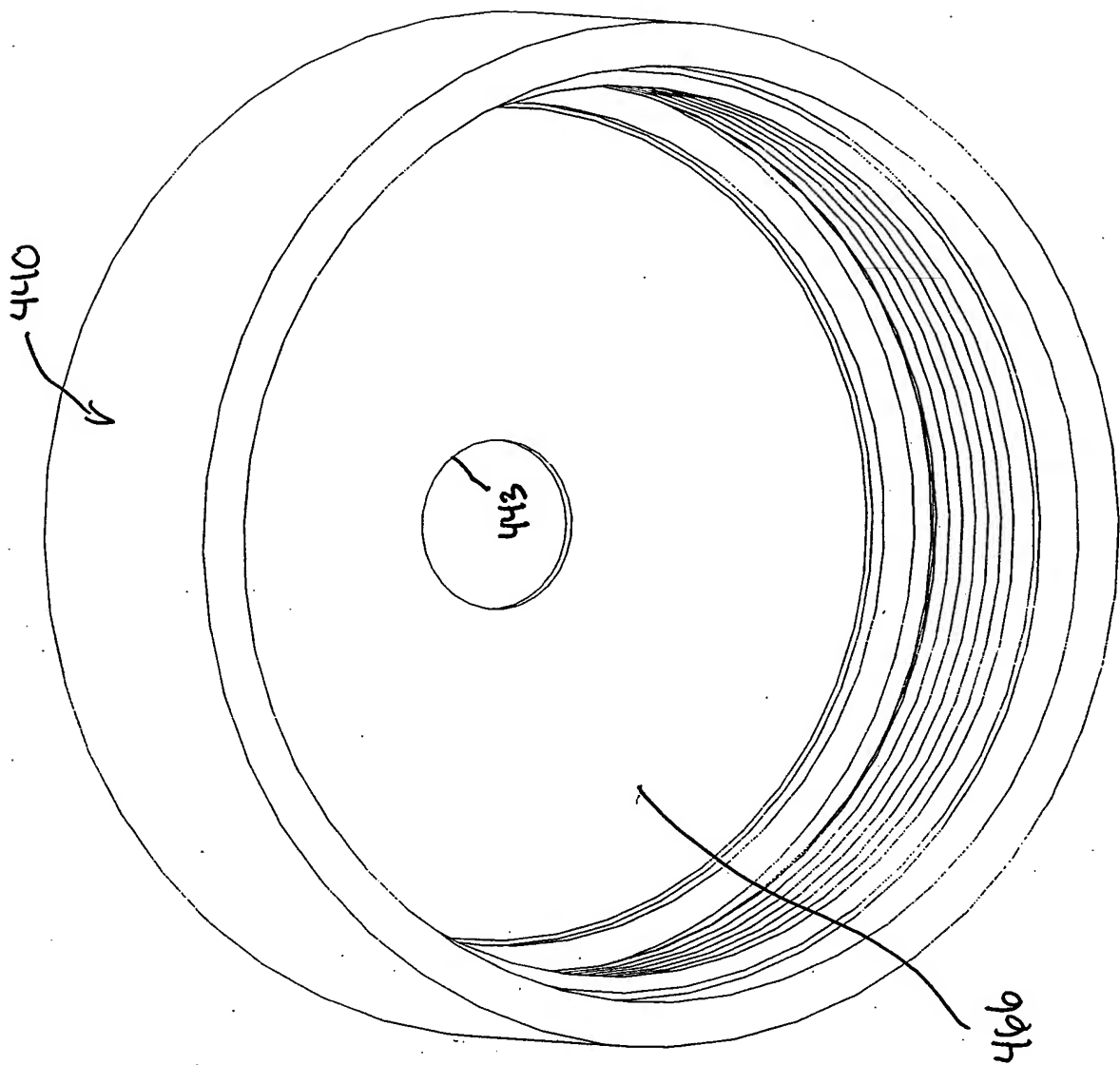
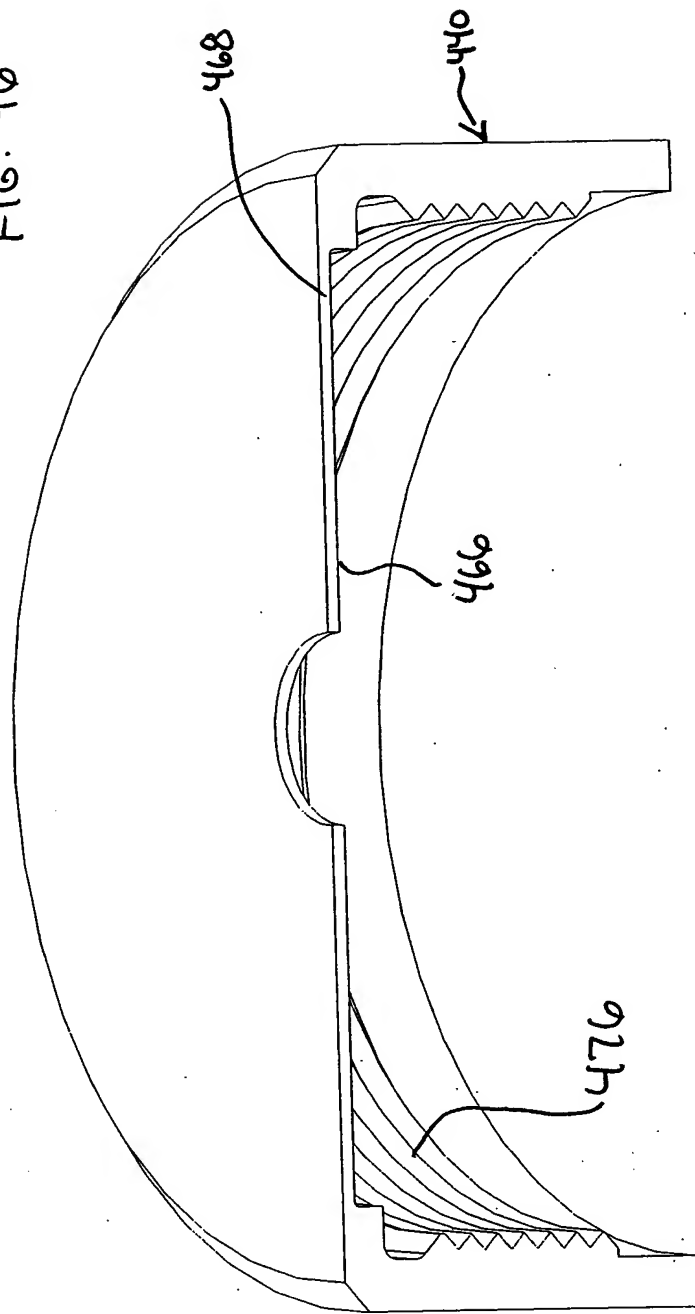


FIG. 45

FIG. 46



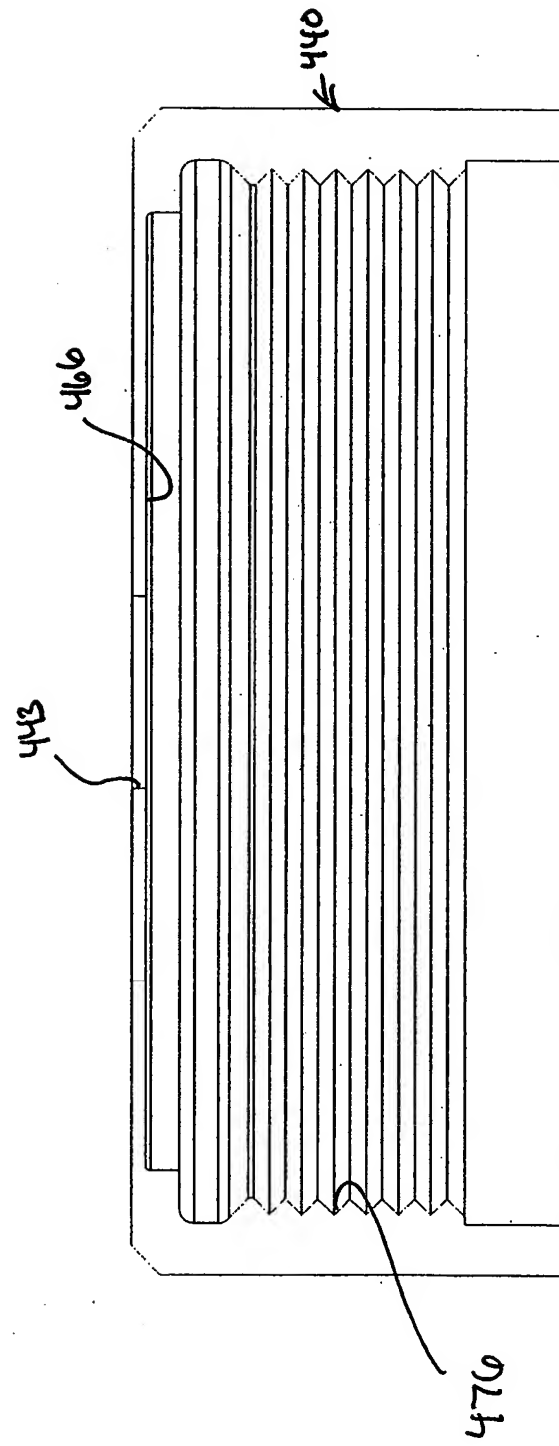


FIG. 47



366

362

470

318

下

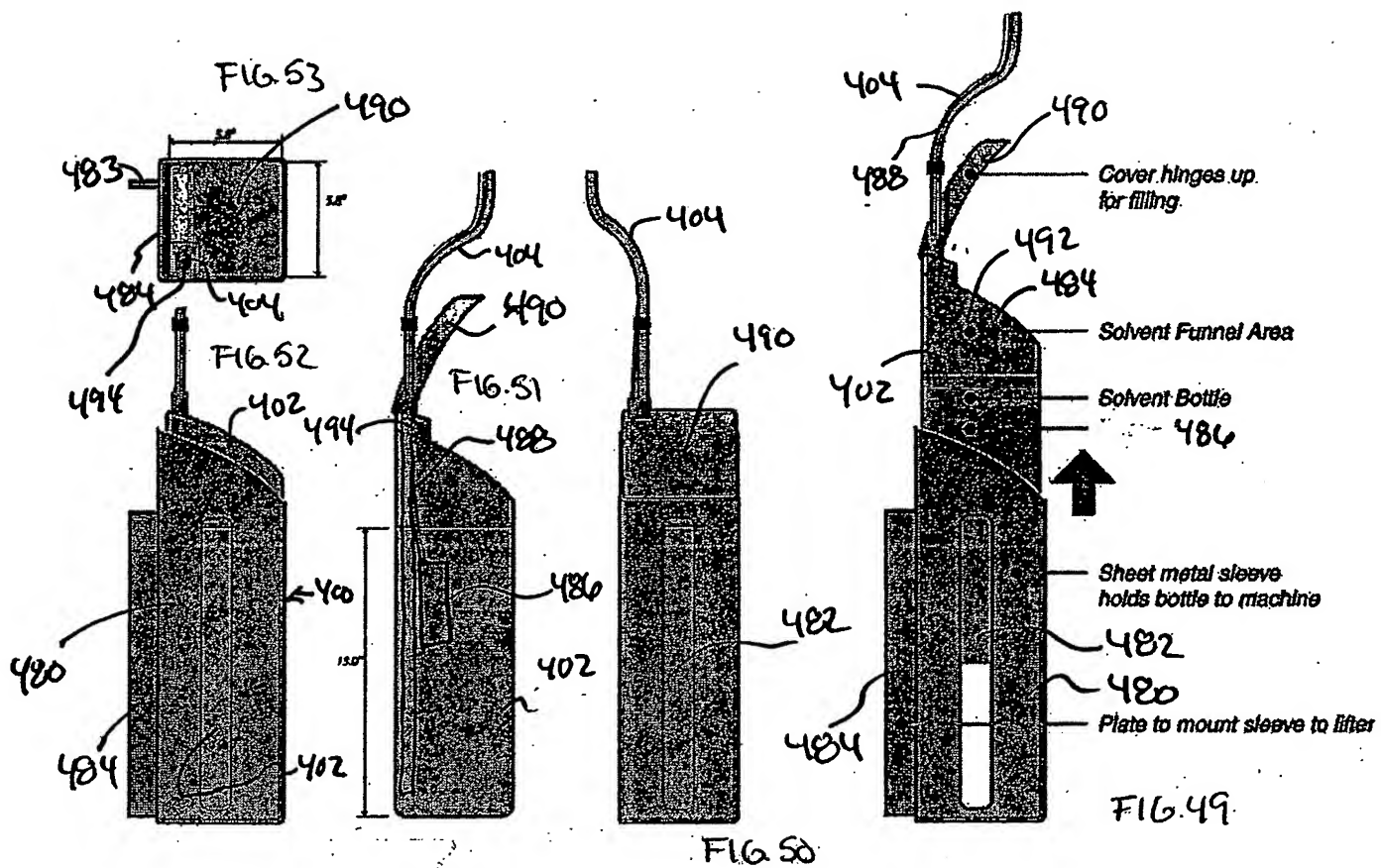
85

172

57

312

355



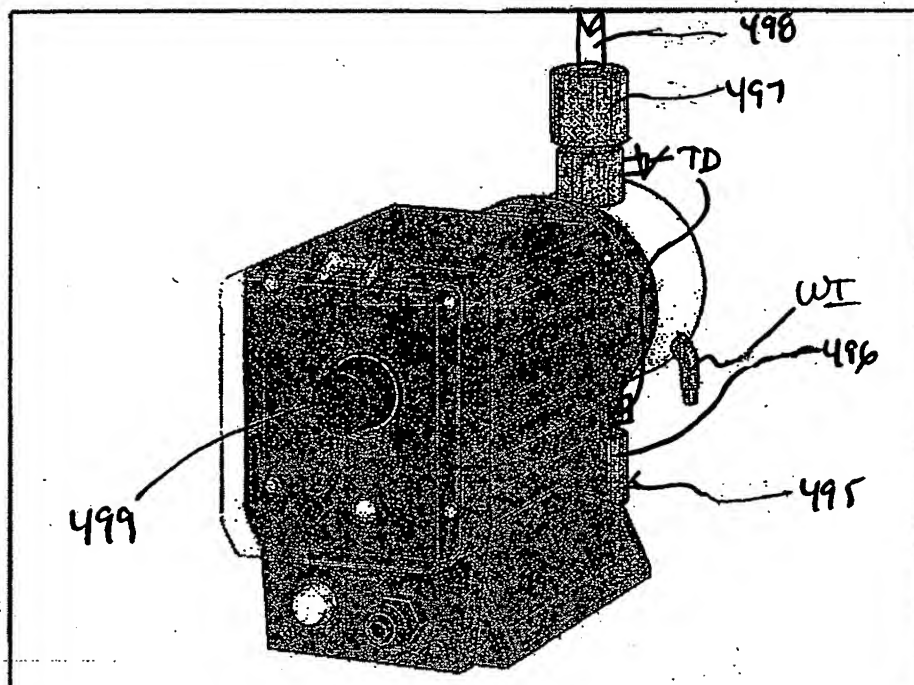


FIG. 54

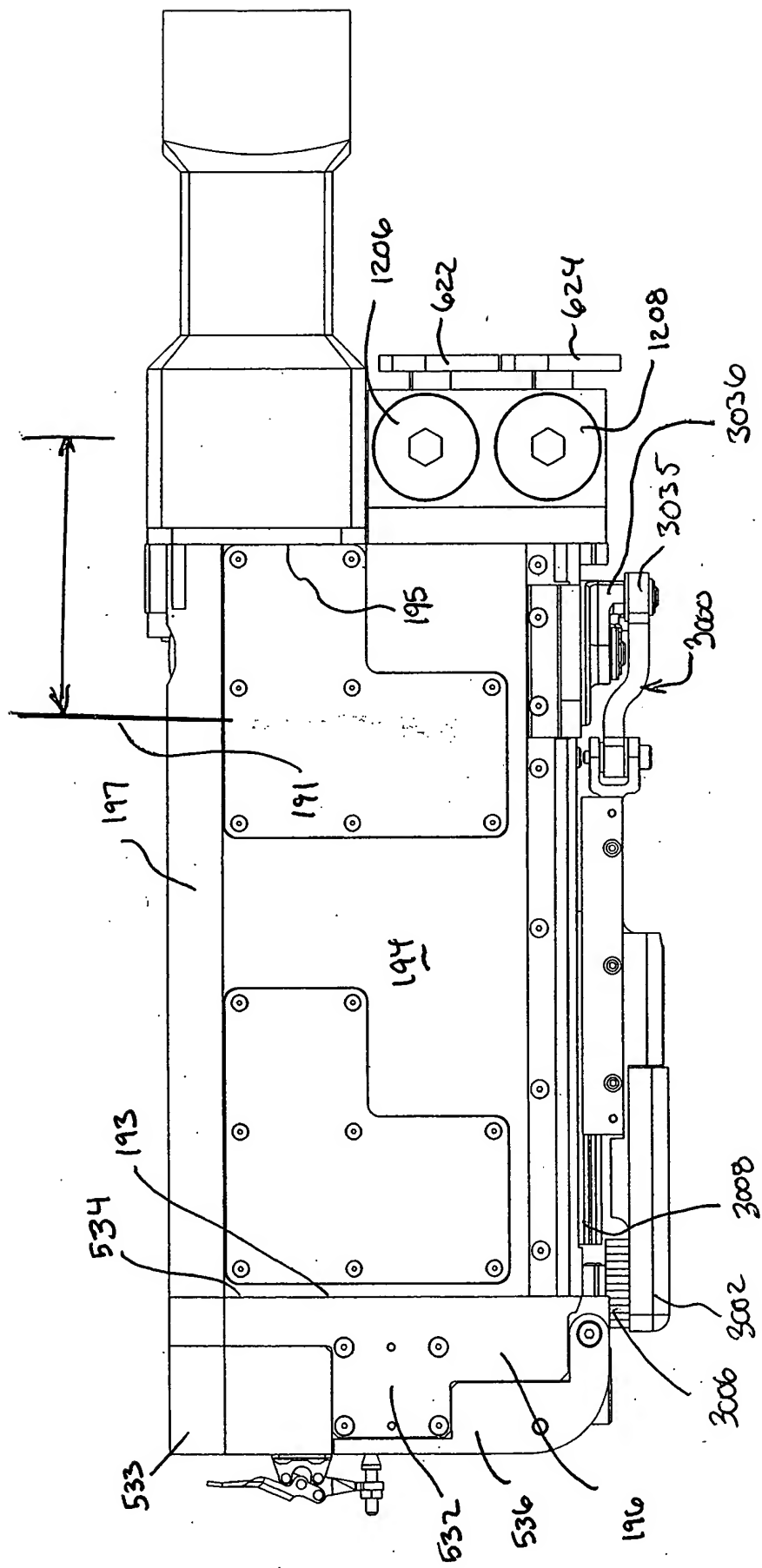


FIG. 55

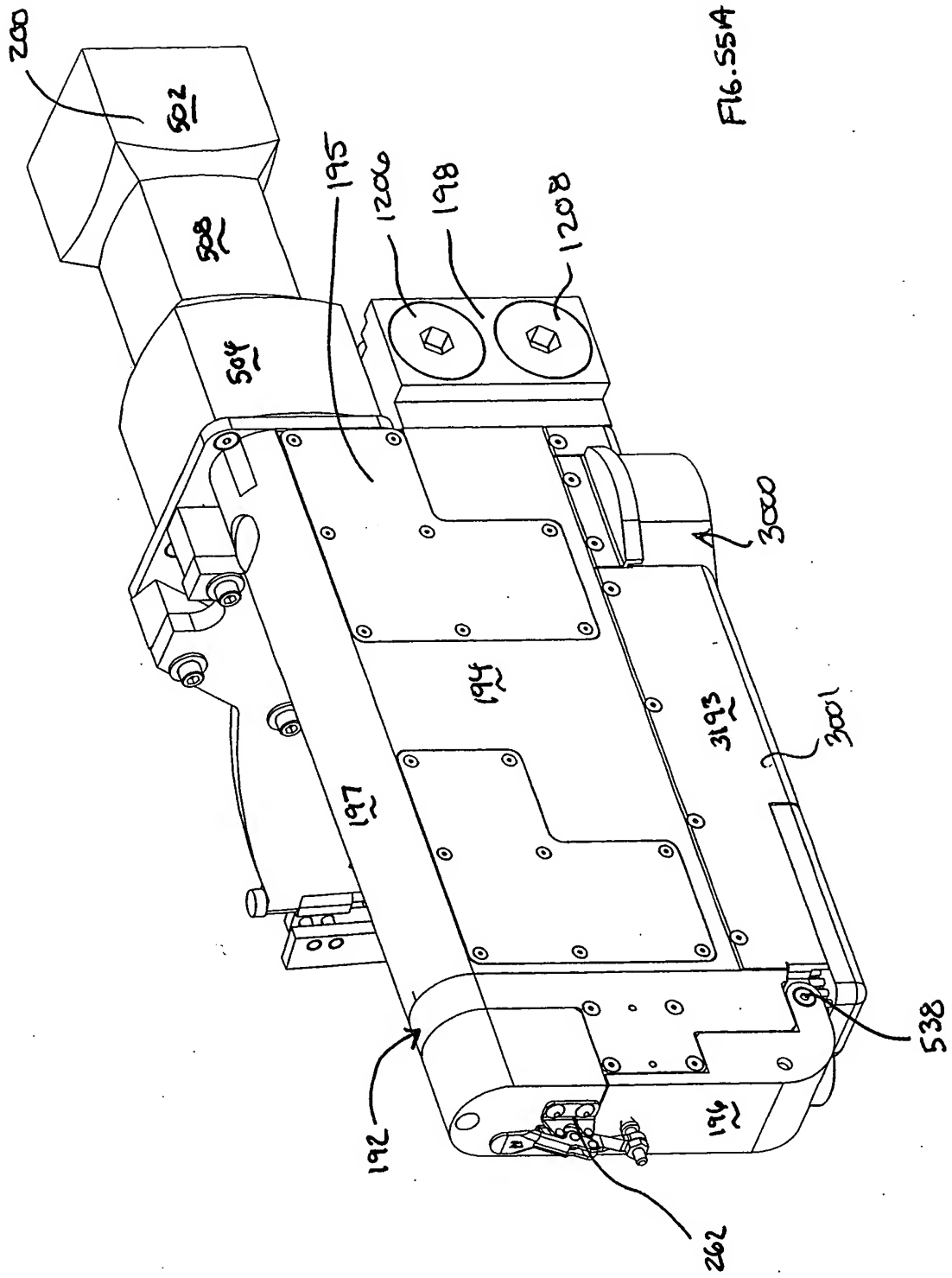
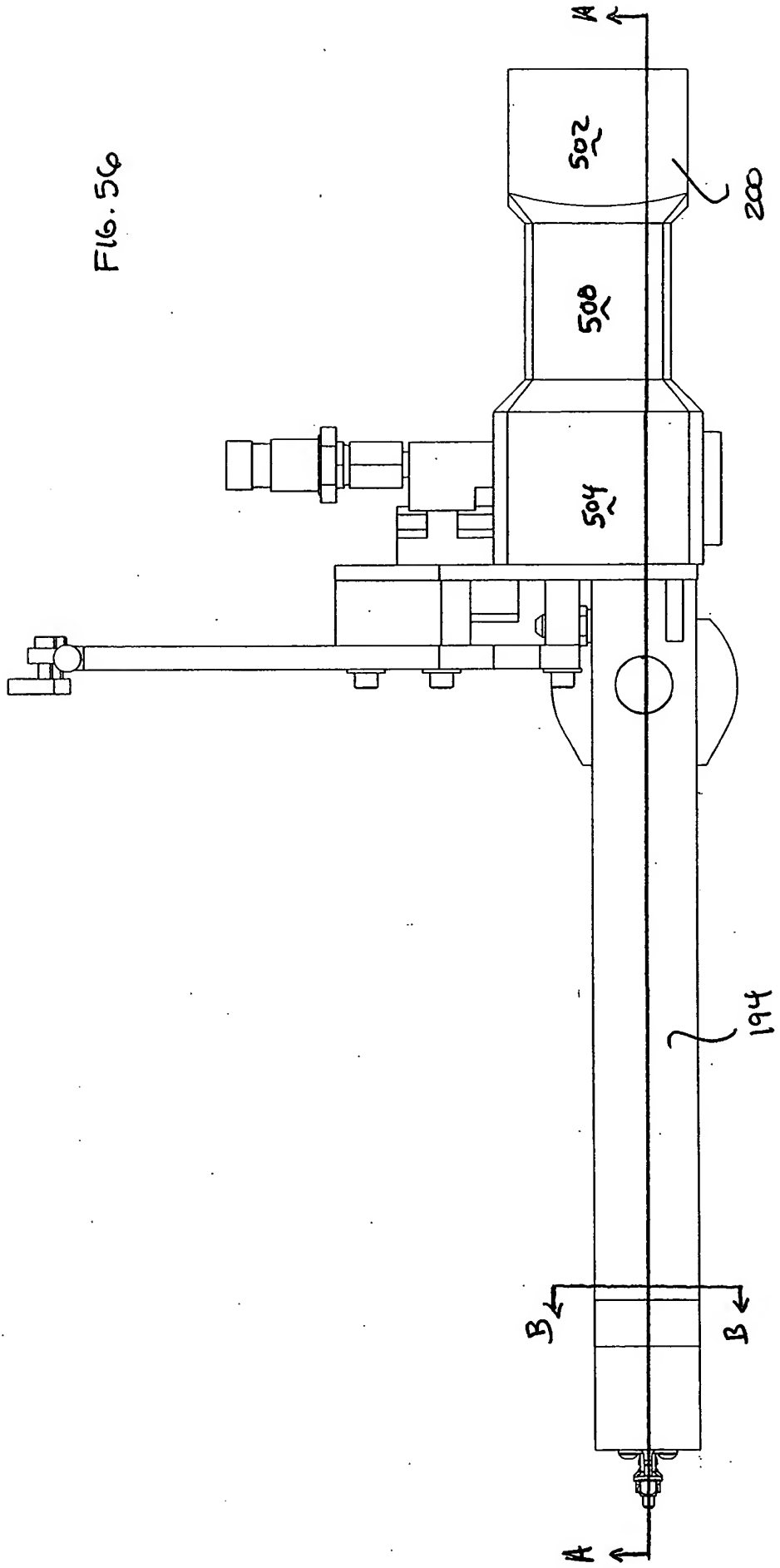


FIG. 55A

FIG. 56



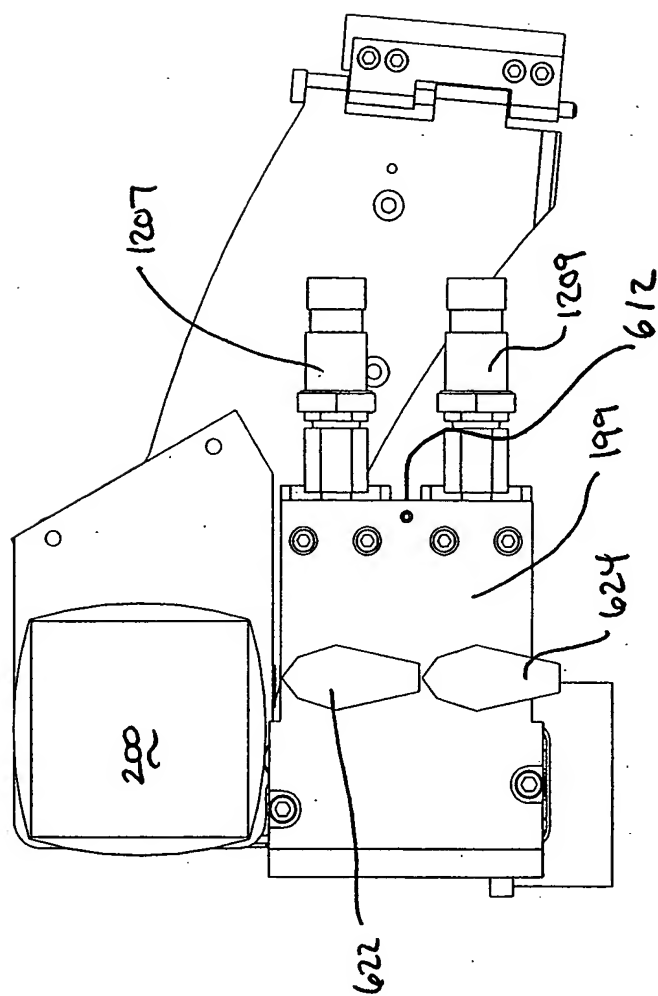


FIG. 57

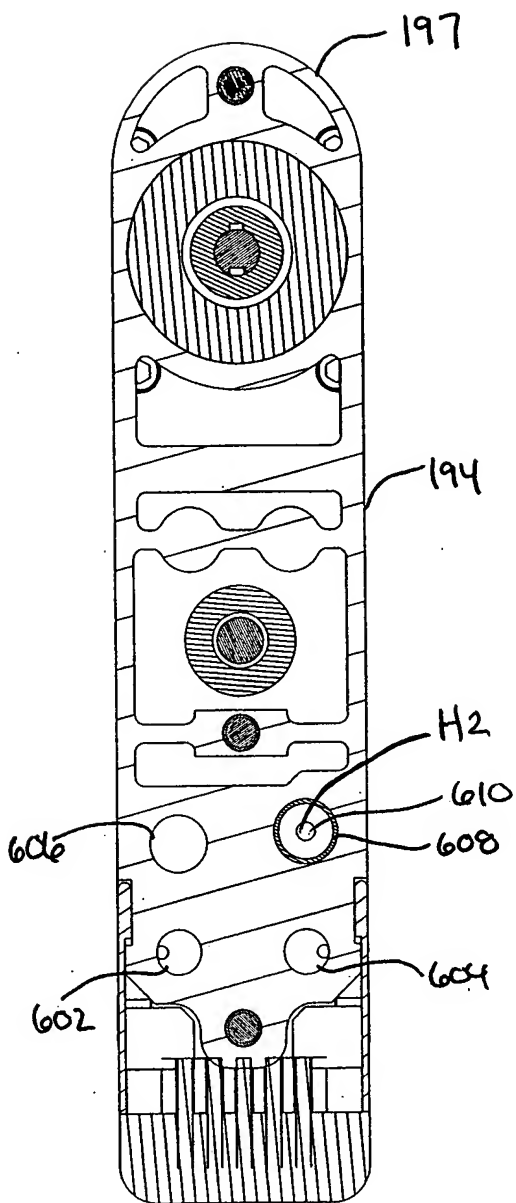


FIG. 58





F16.60

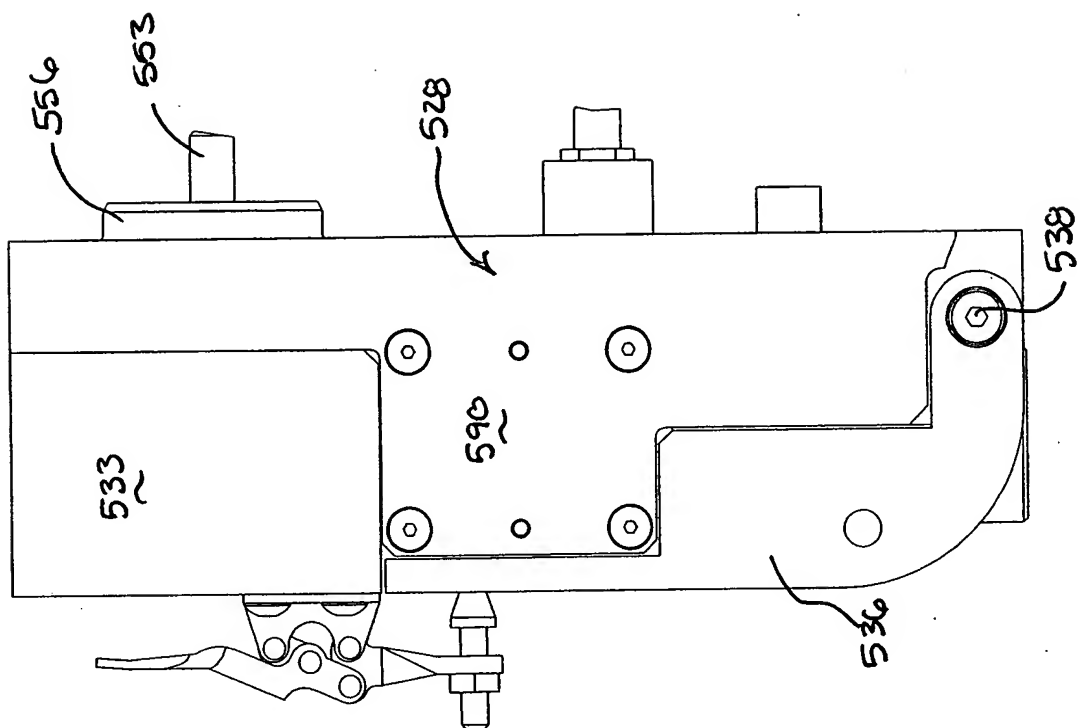


FIG. 61

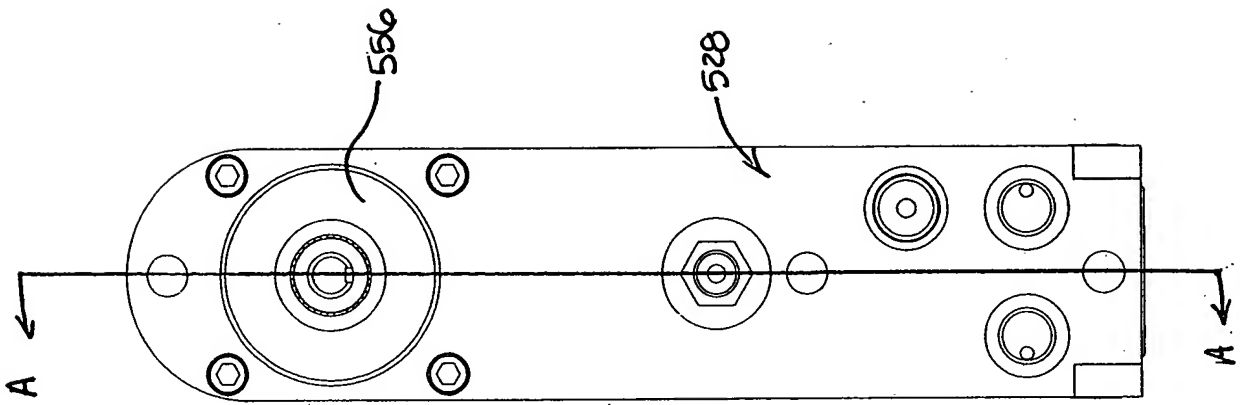


FIG. 62

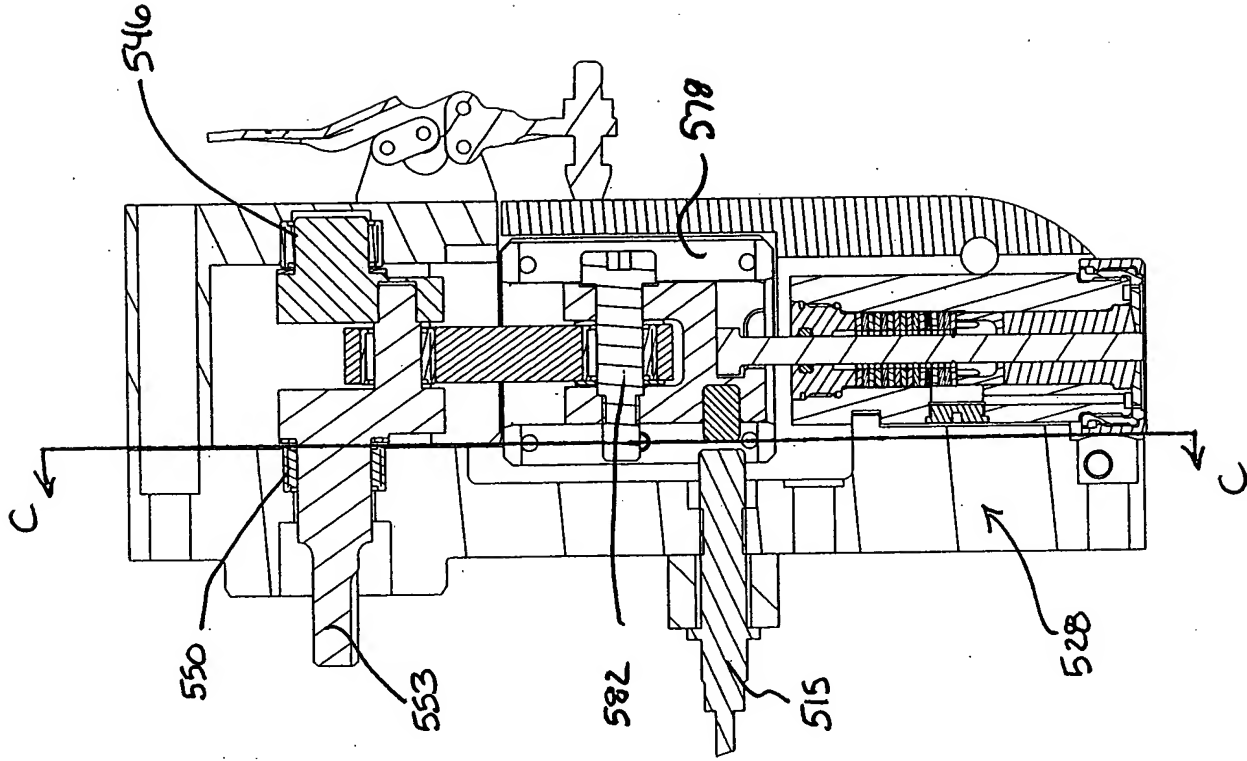
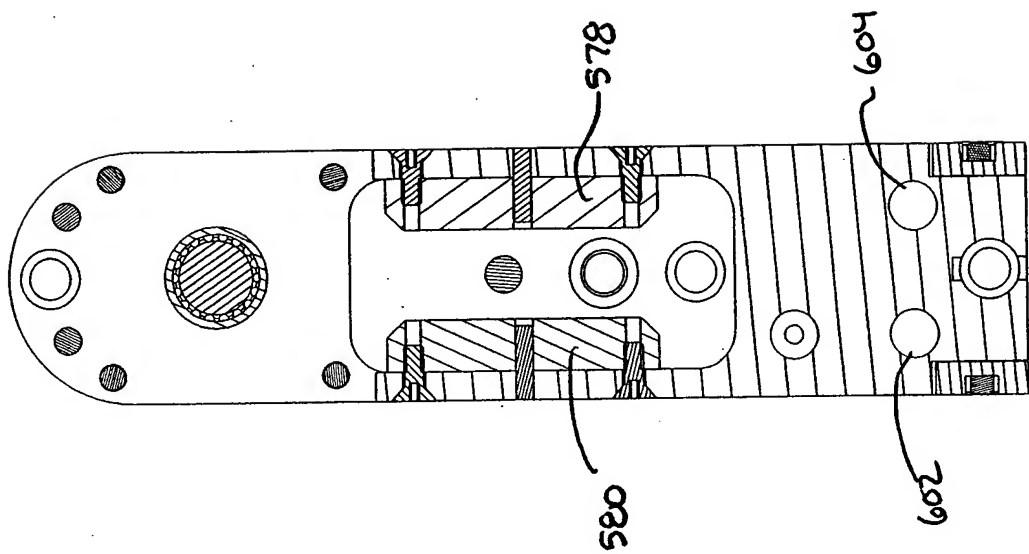


FIG. 63



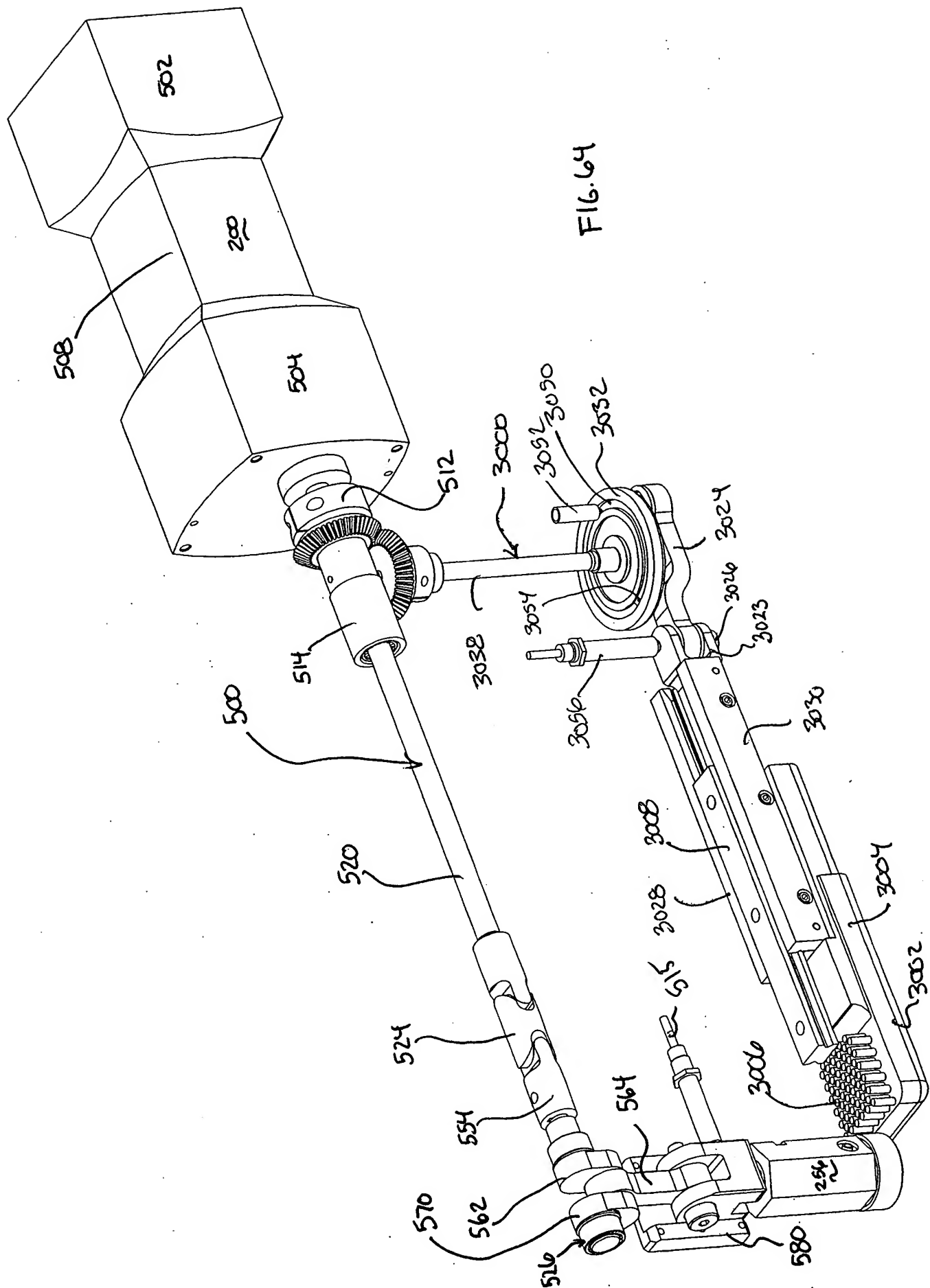
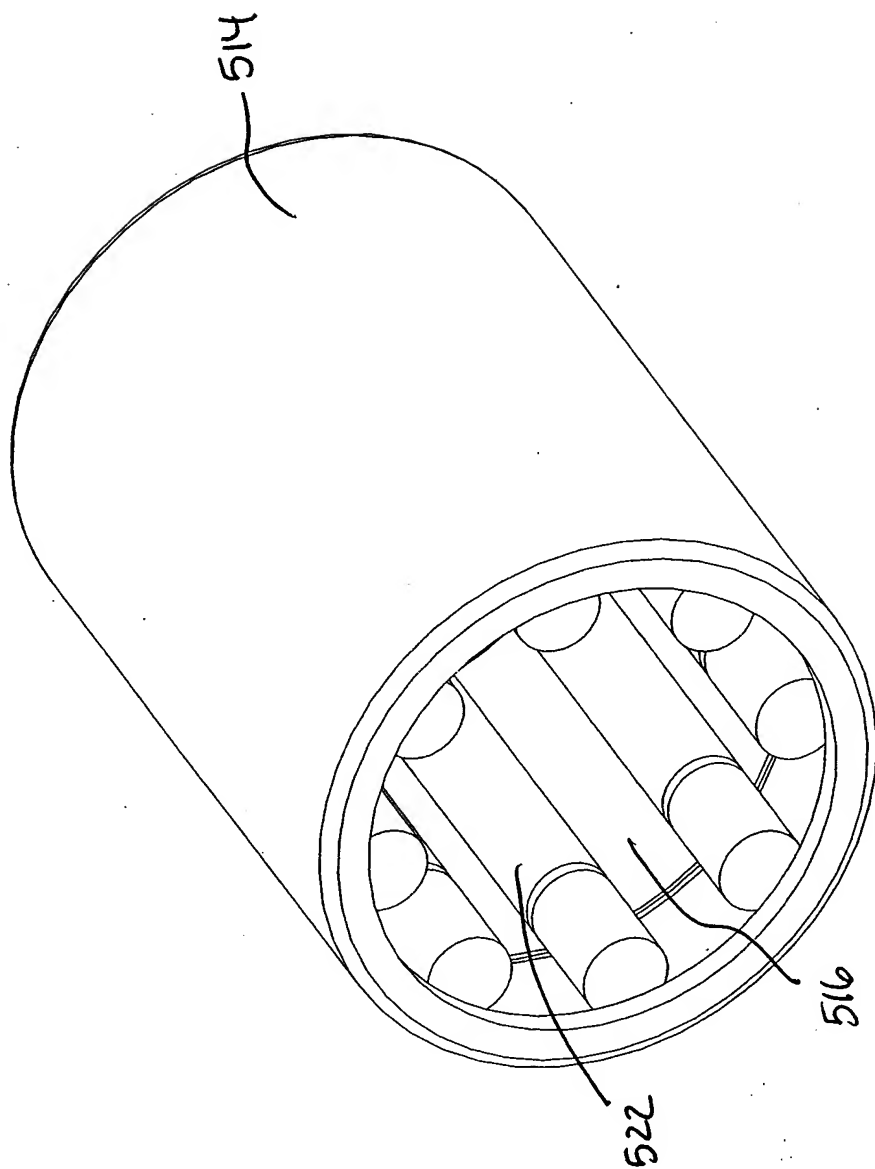


FIG. 65



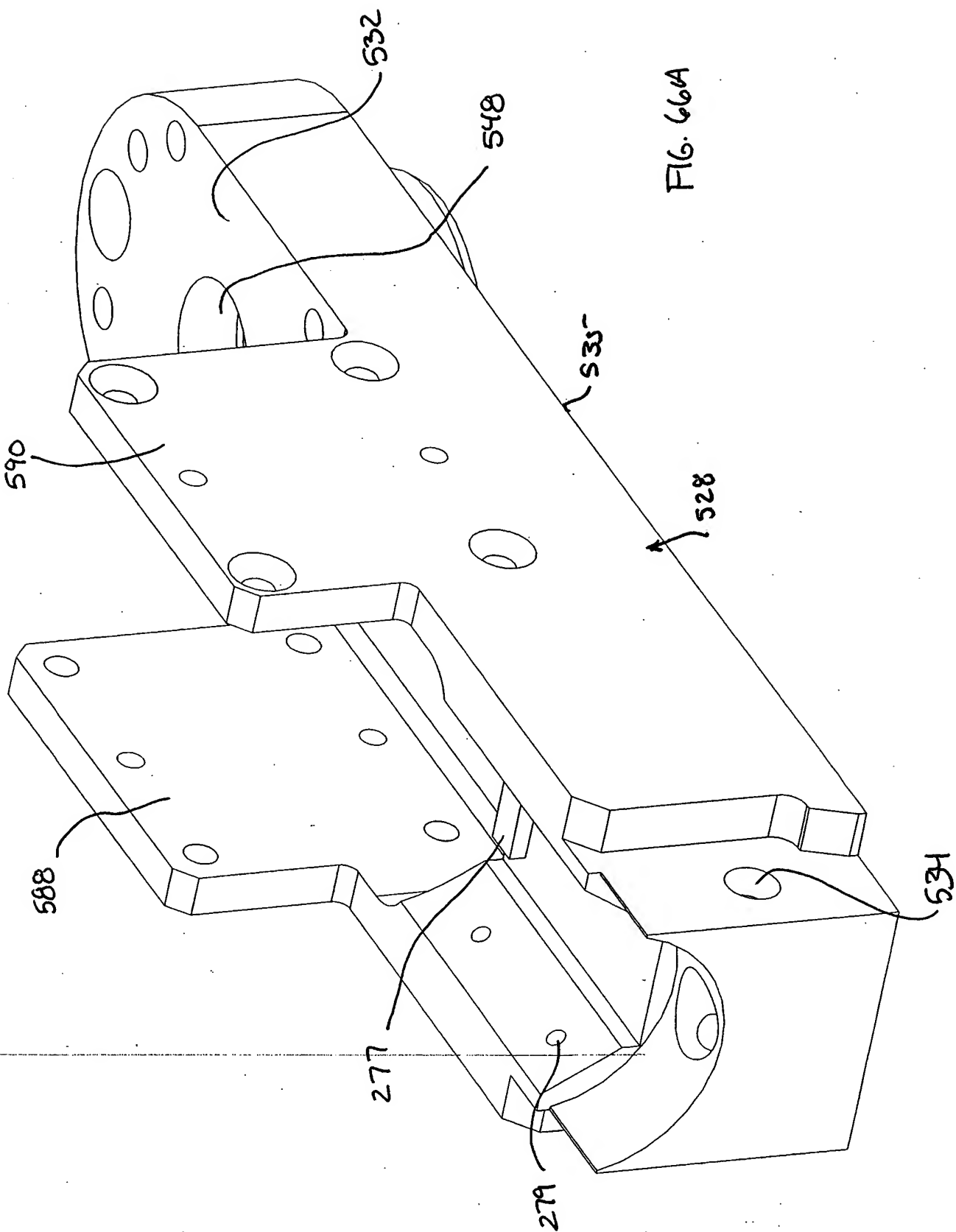
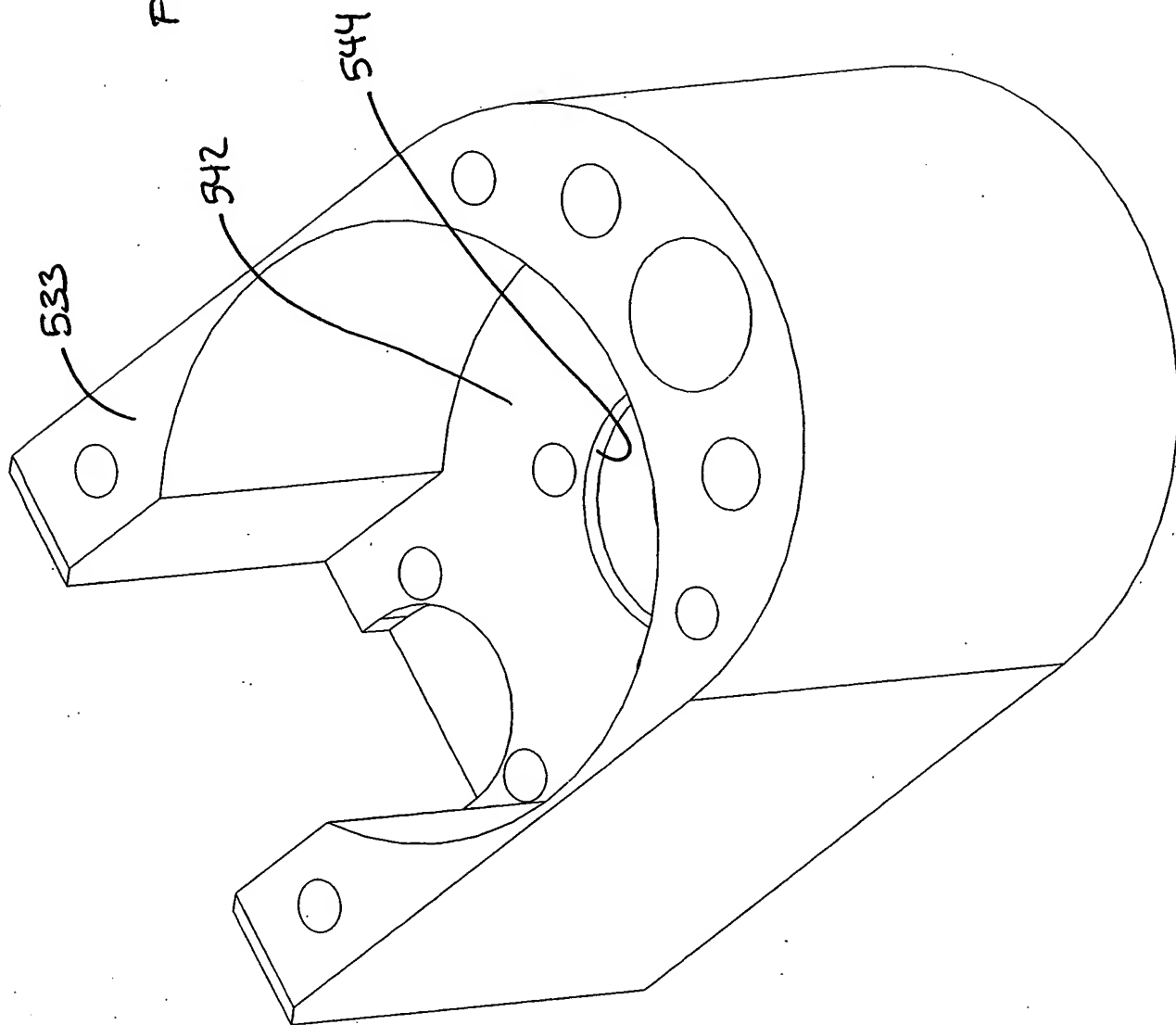


FIG. 66A



FIG. 66B



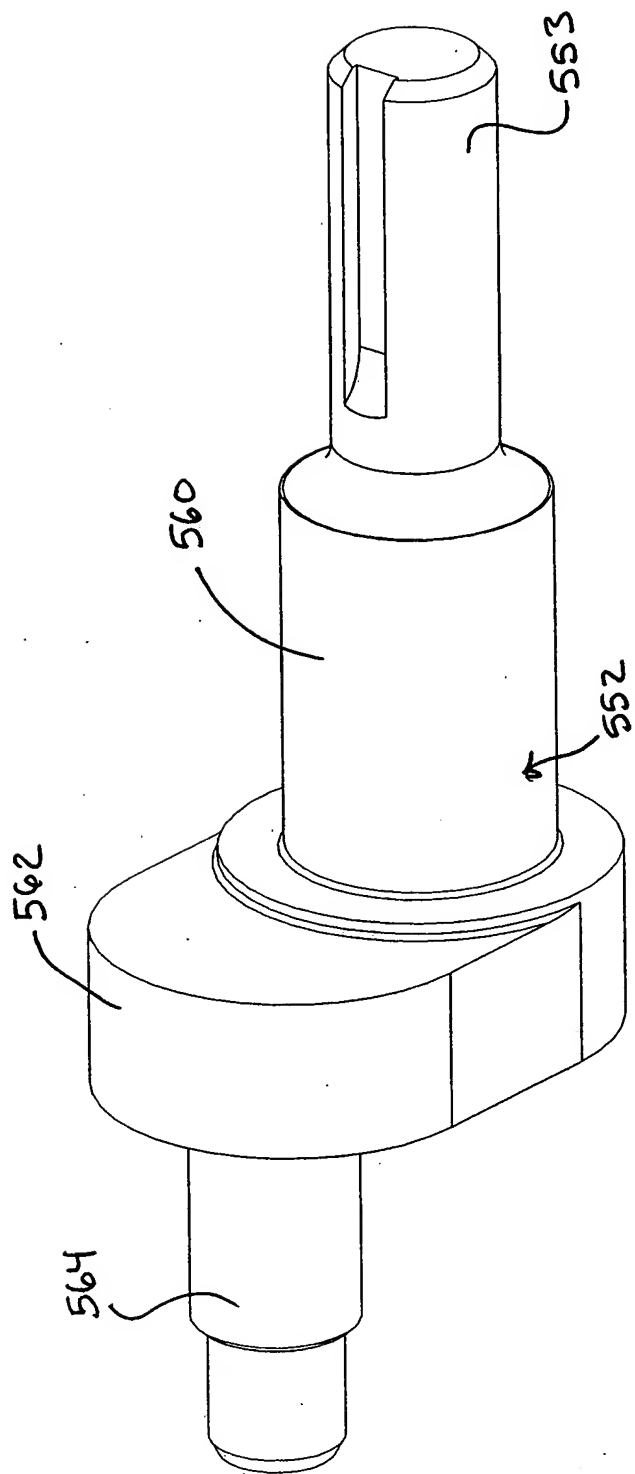
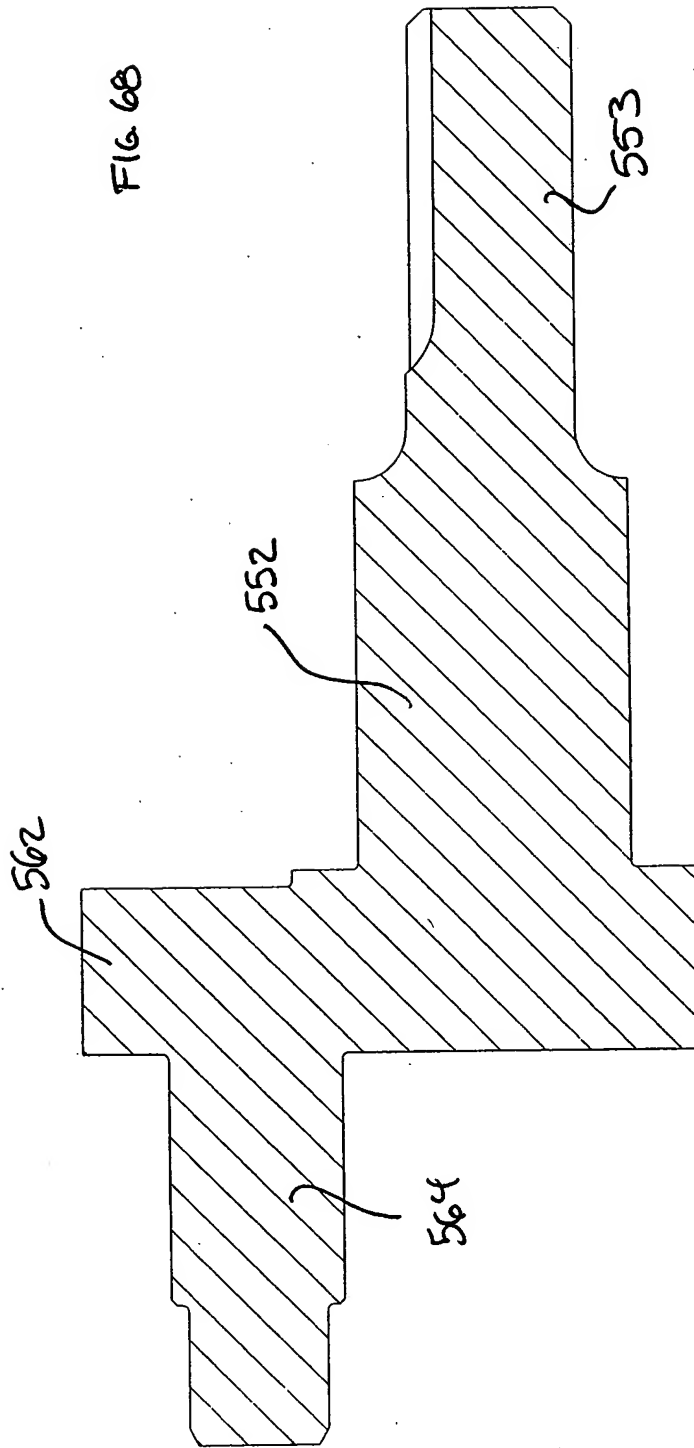


FIG. 67

FIG. 6B



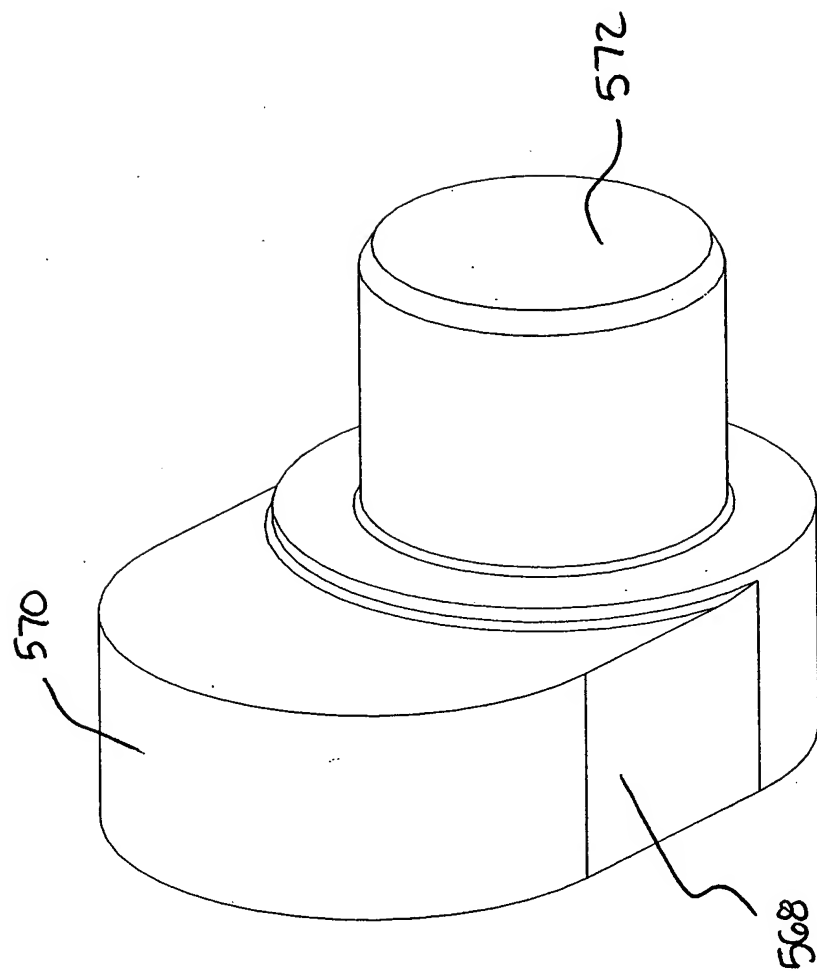


FIG. 69

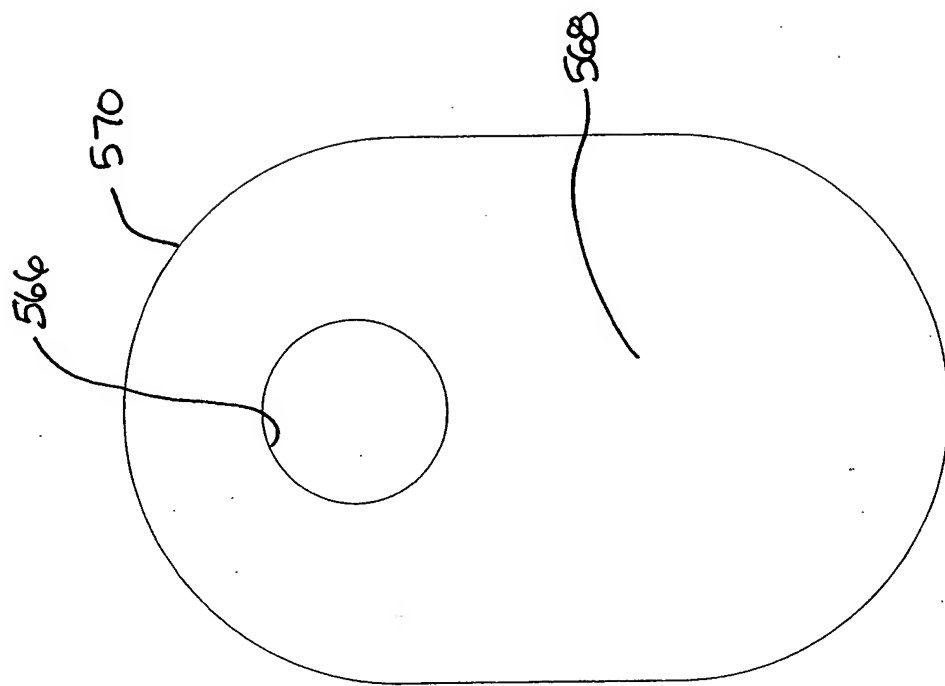


FIG. 70

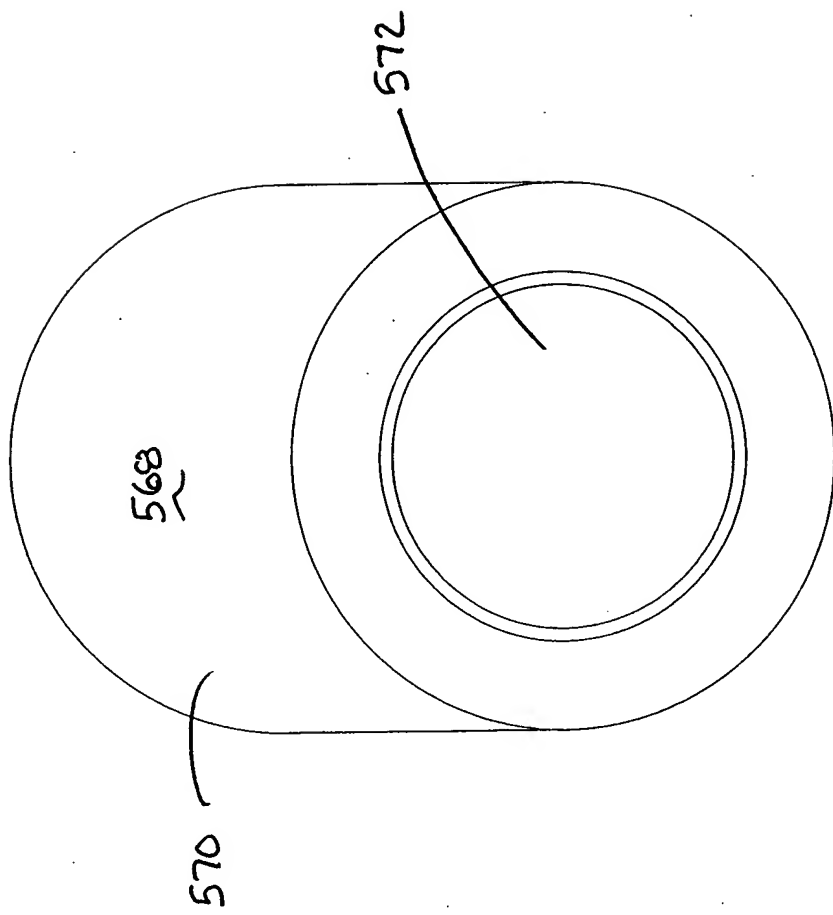
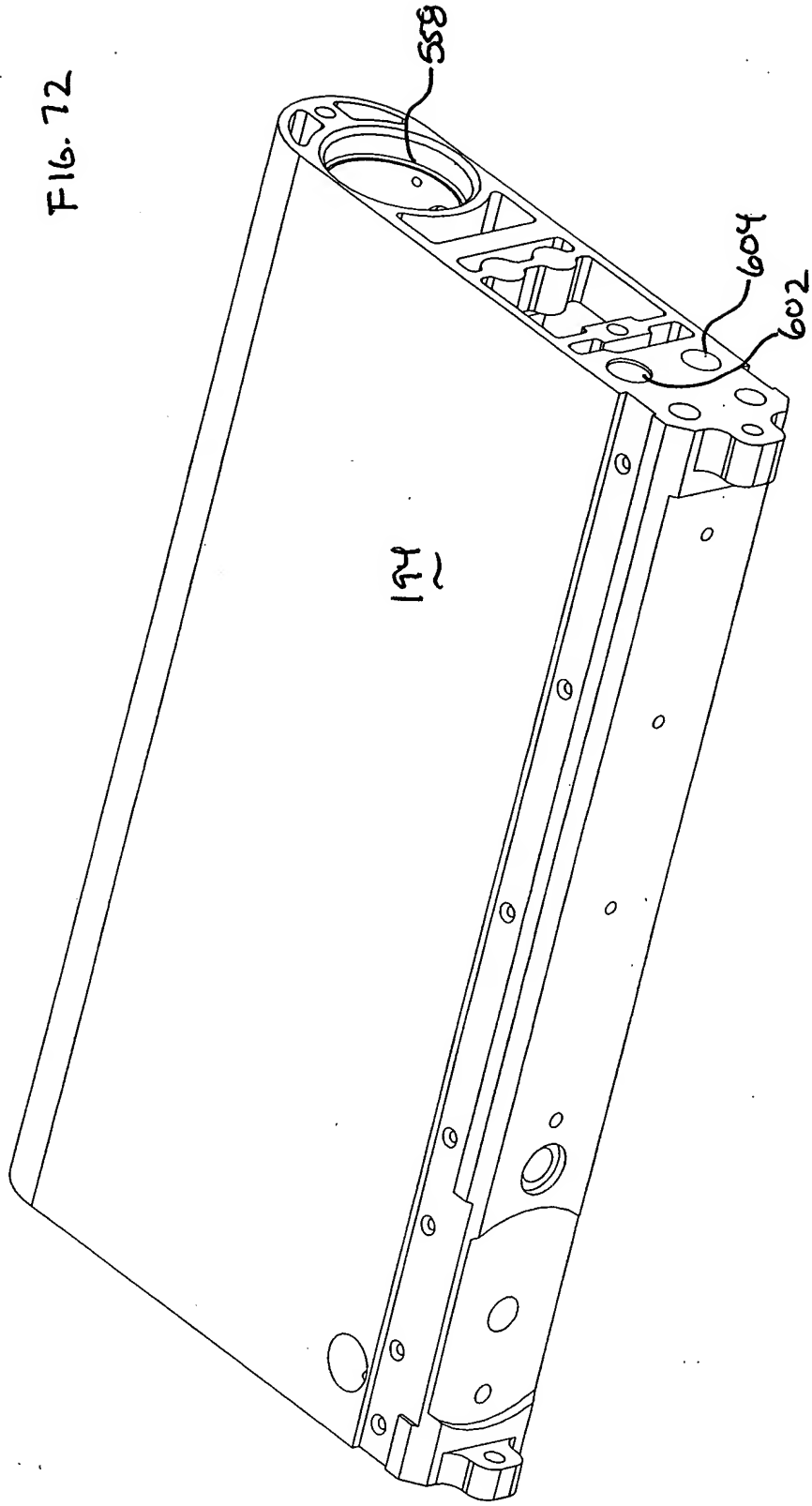


FIG. 71

FIG. 72



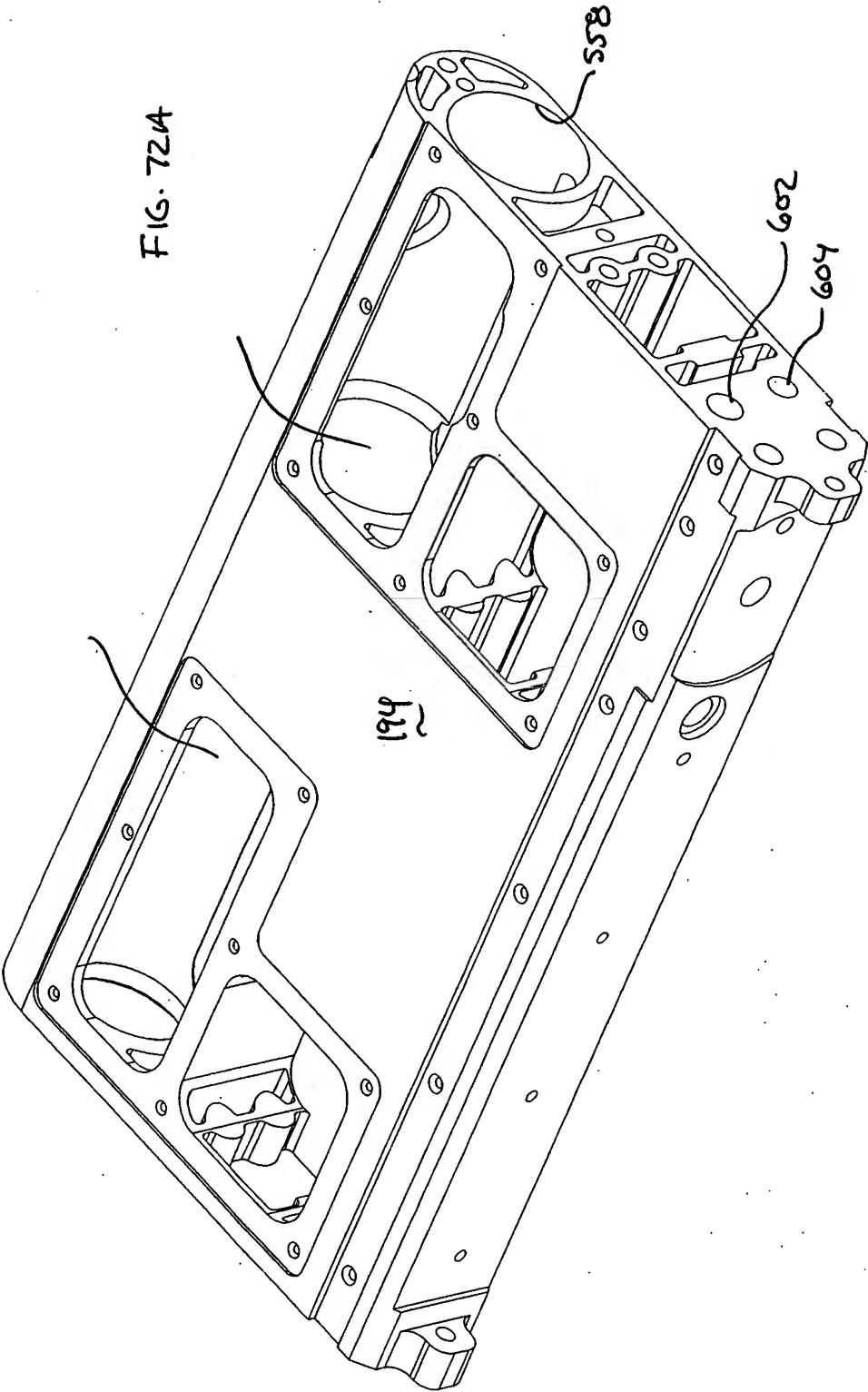


FIG. 72A



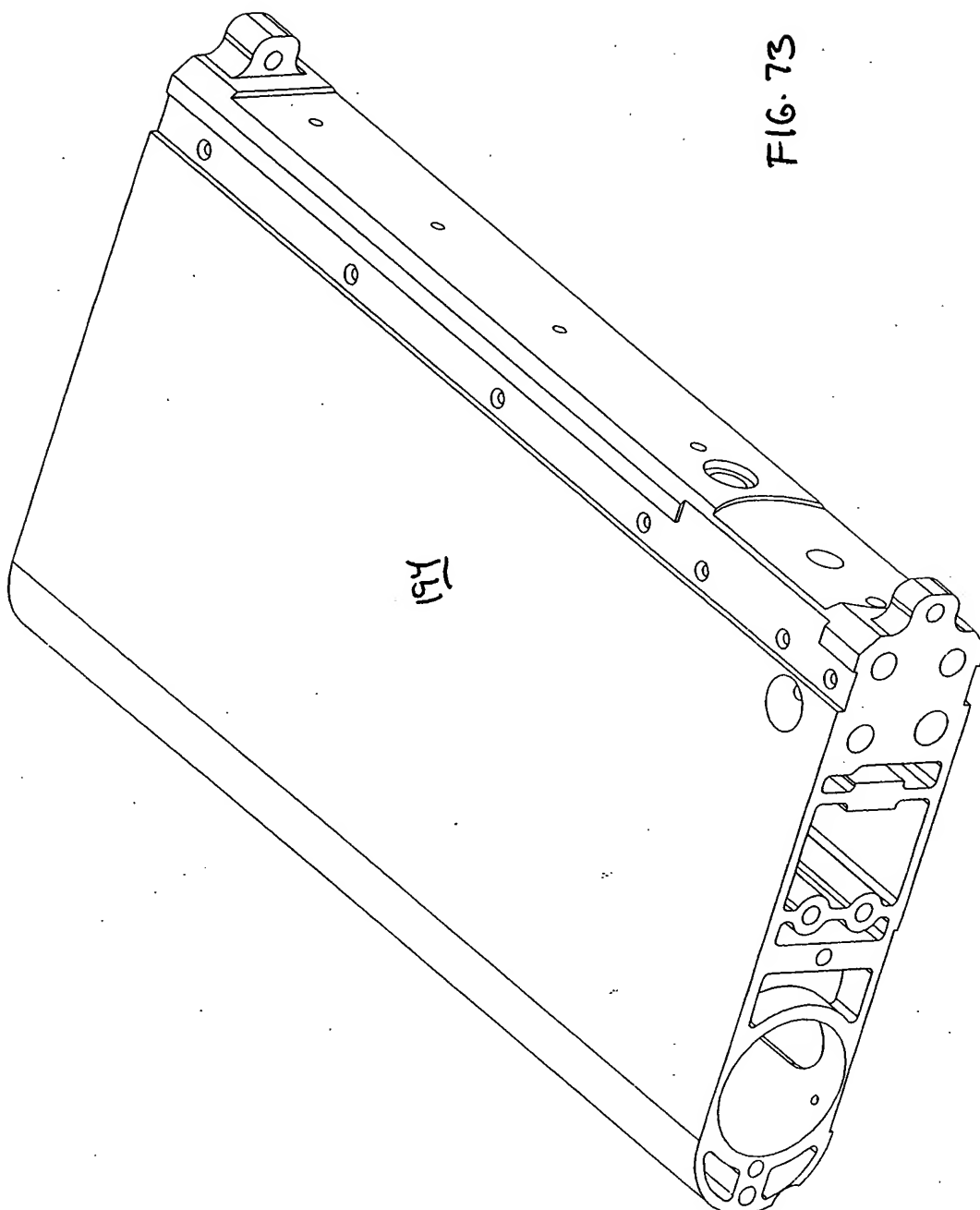


FIG. 73

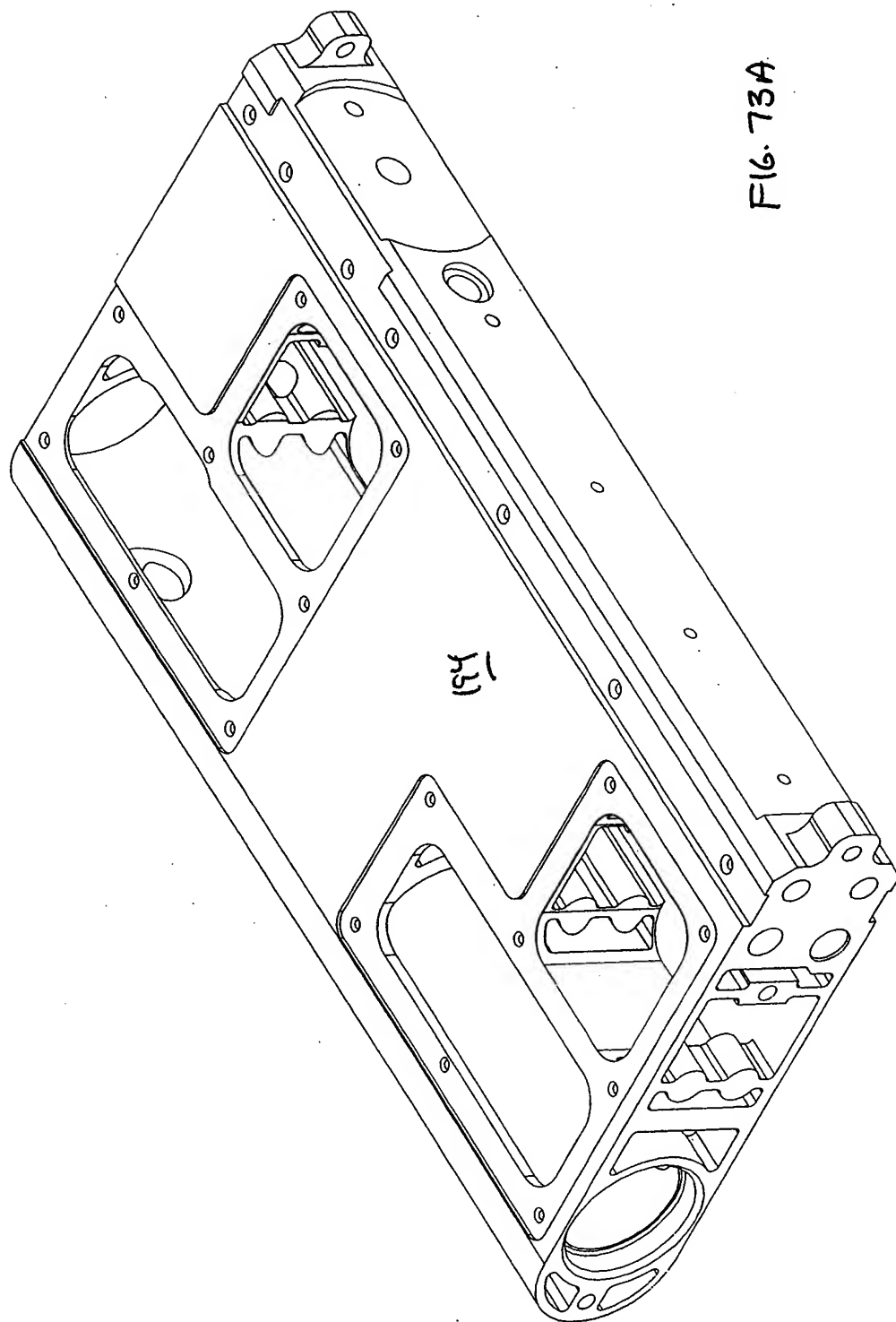


FIG. 73A

151

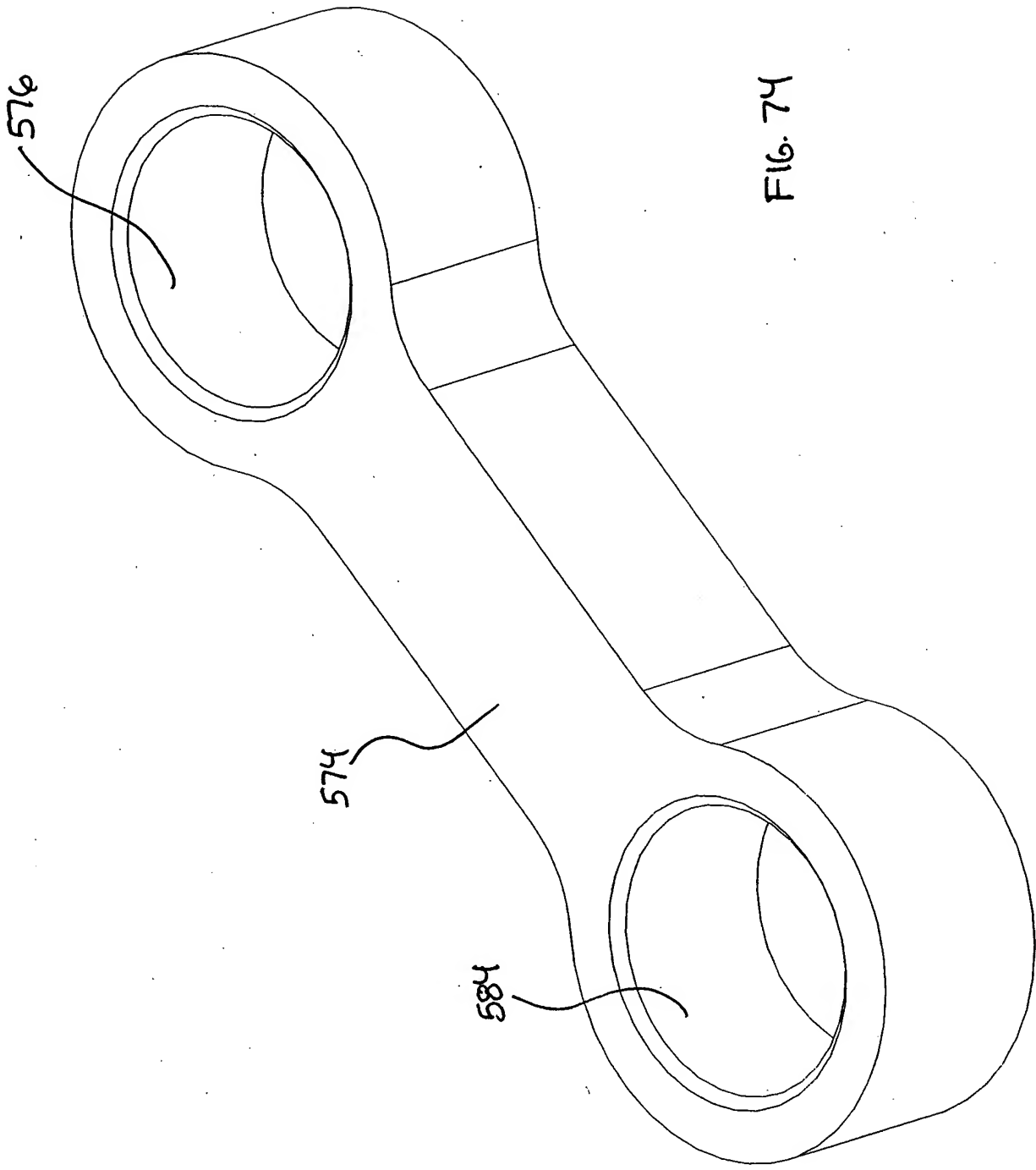
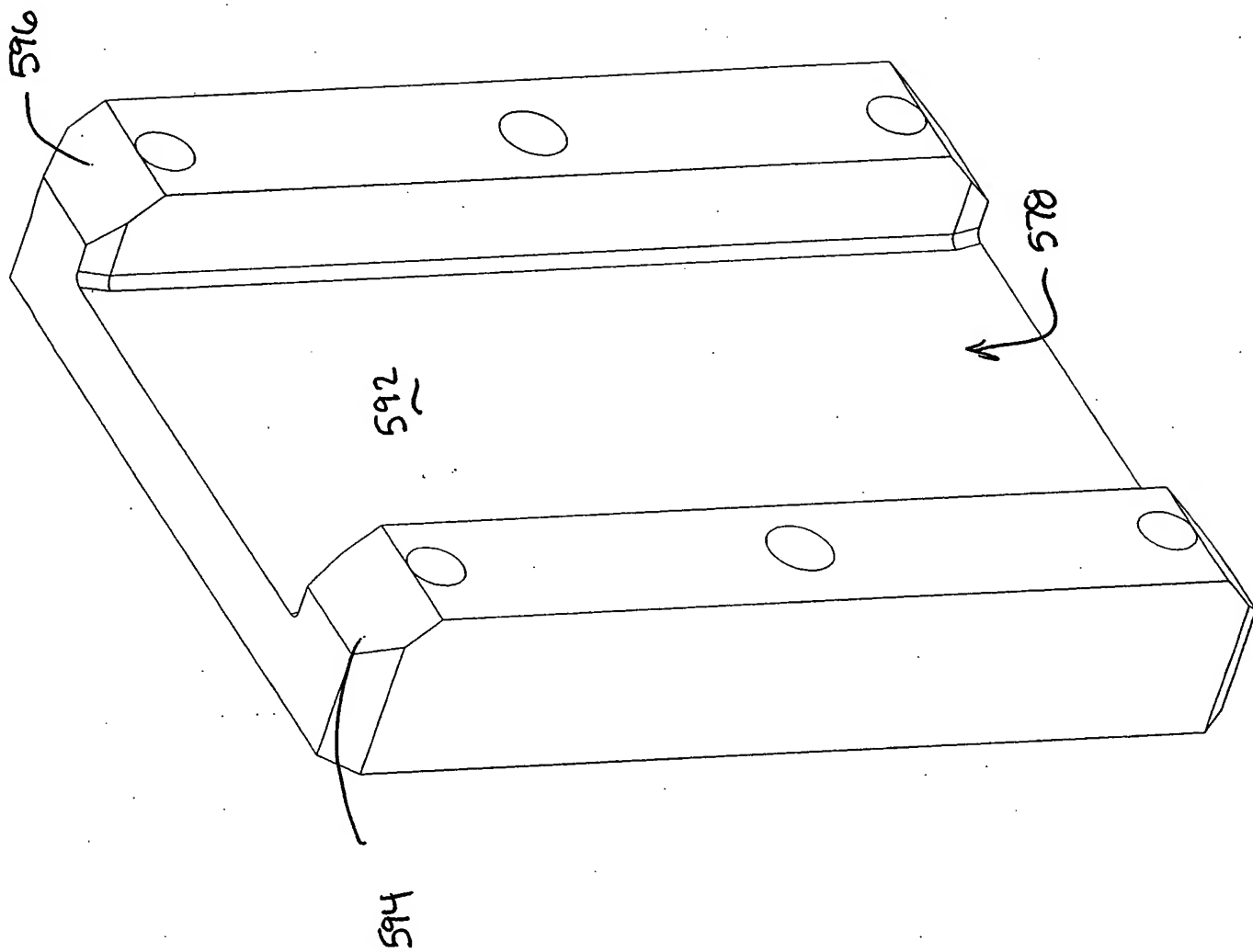


FIG. 74

FIG 75



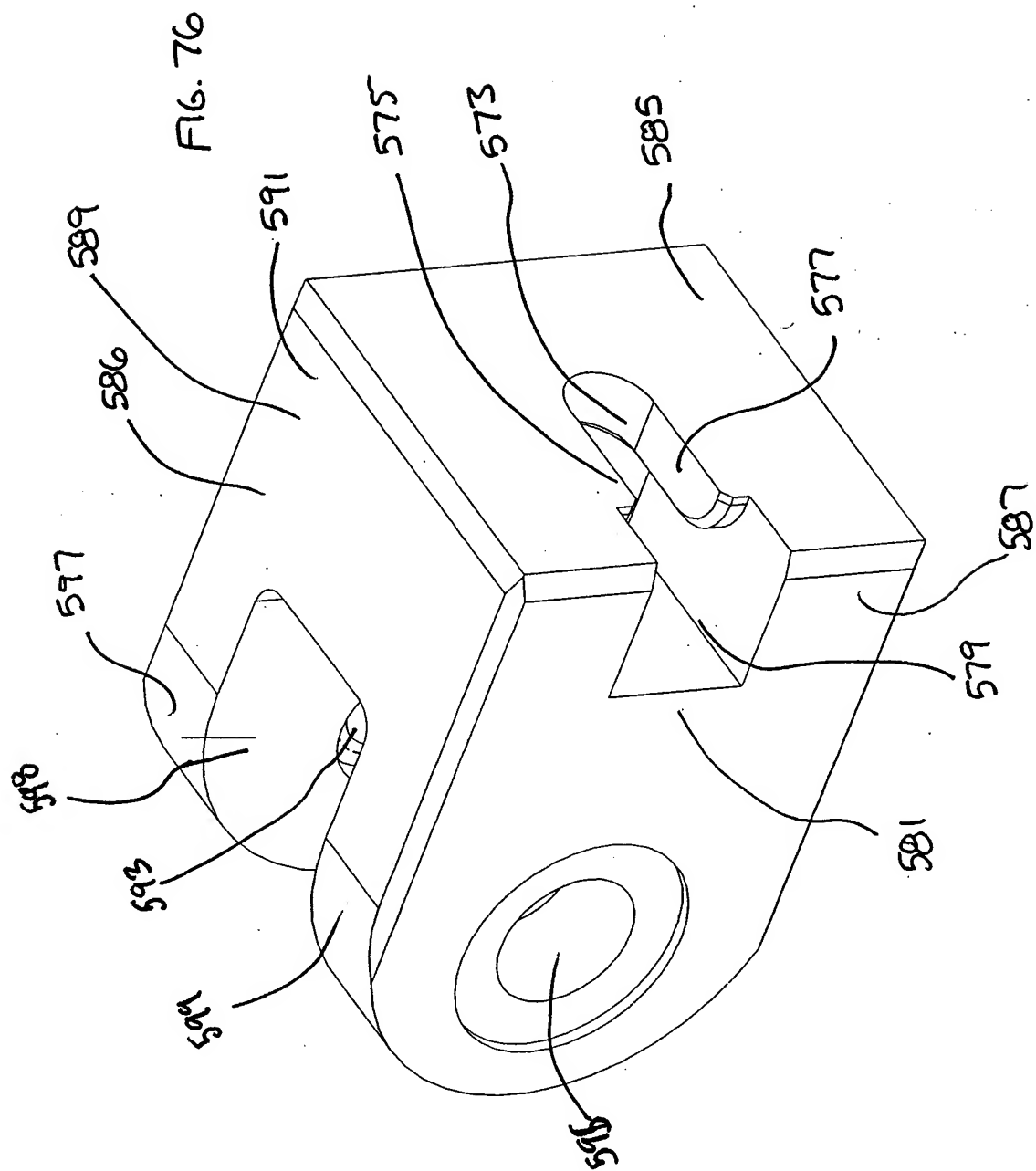
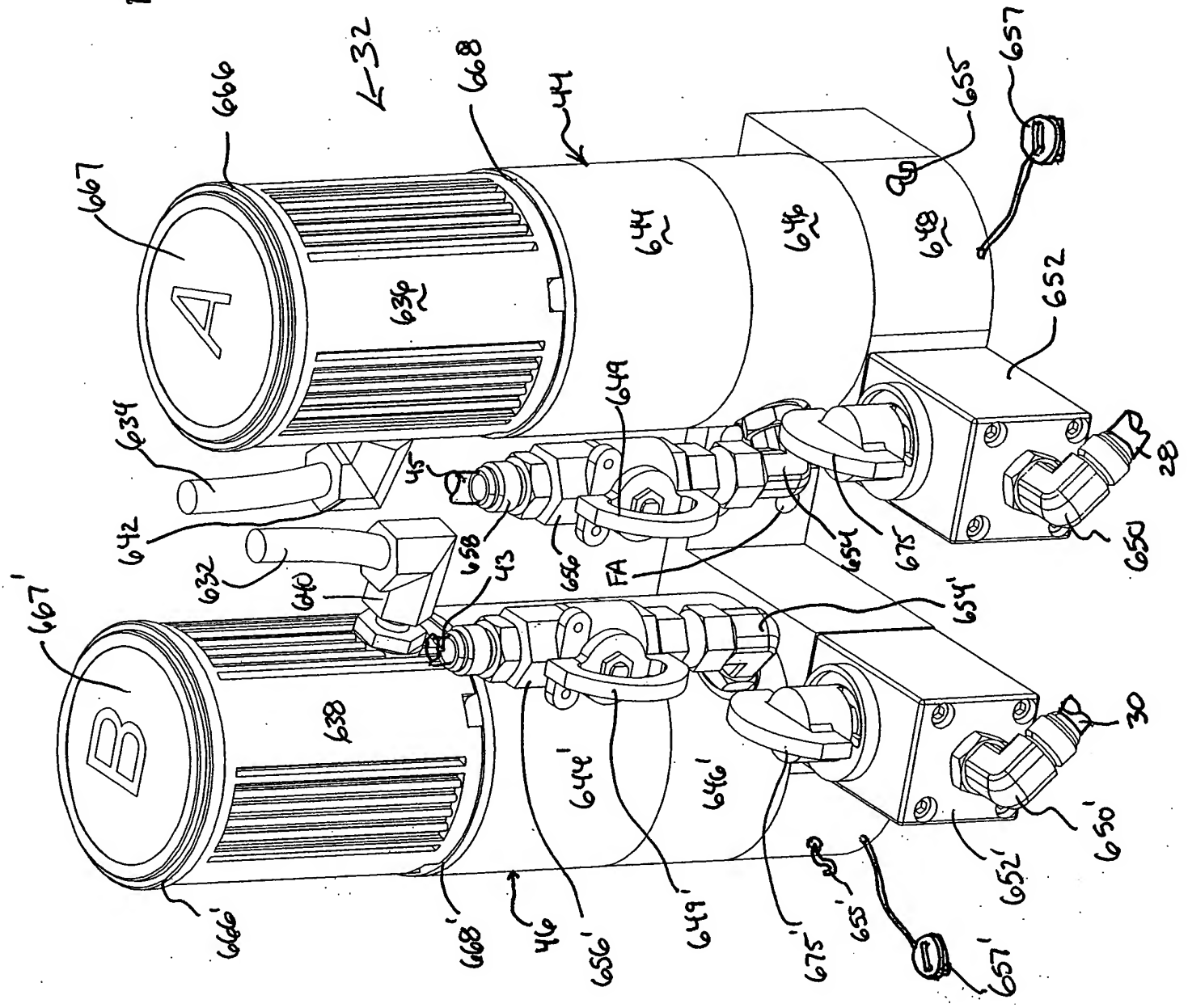
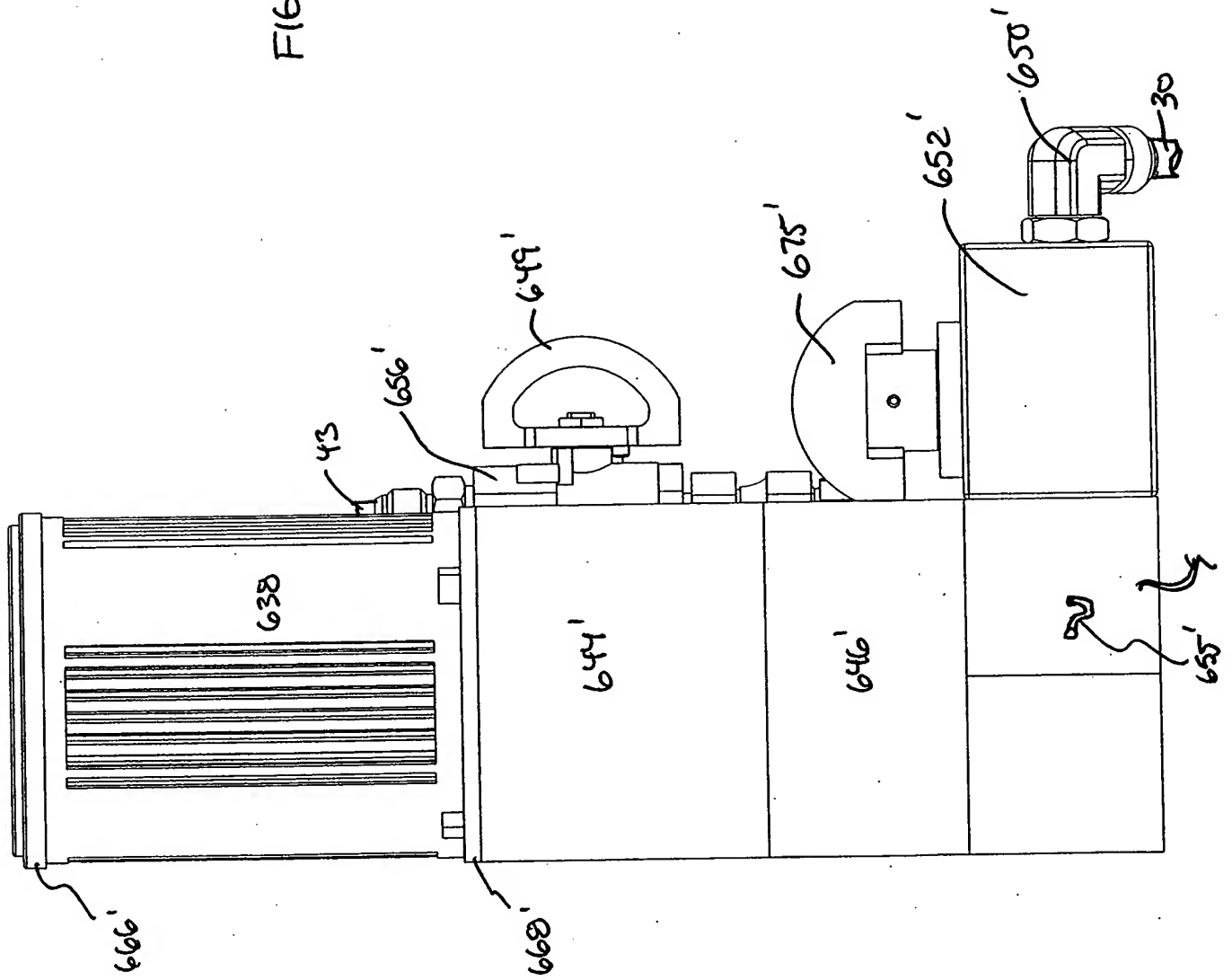


FIG. 77



F16.77A



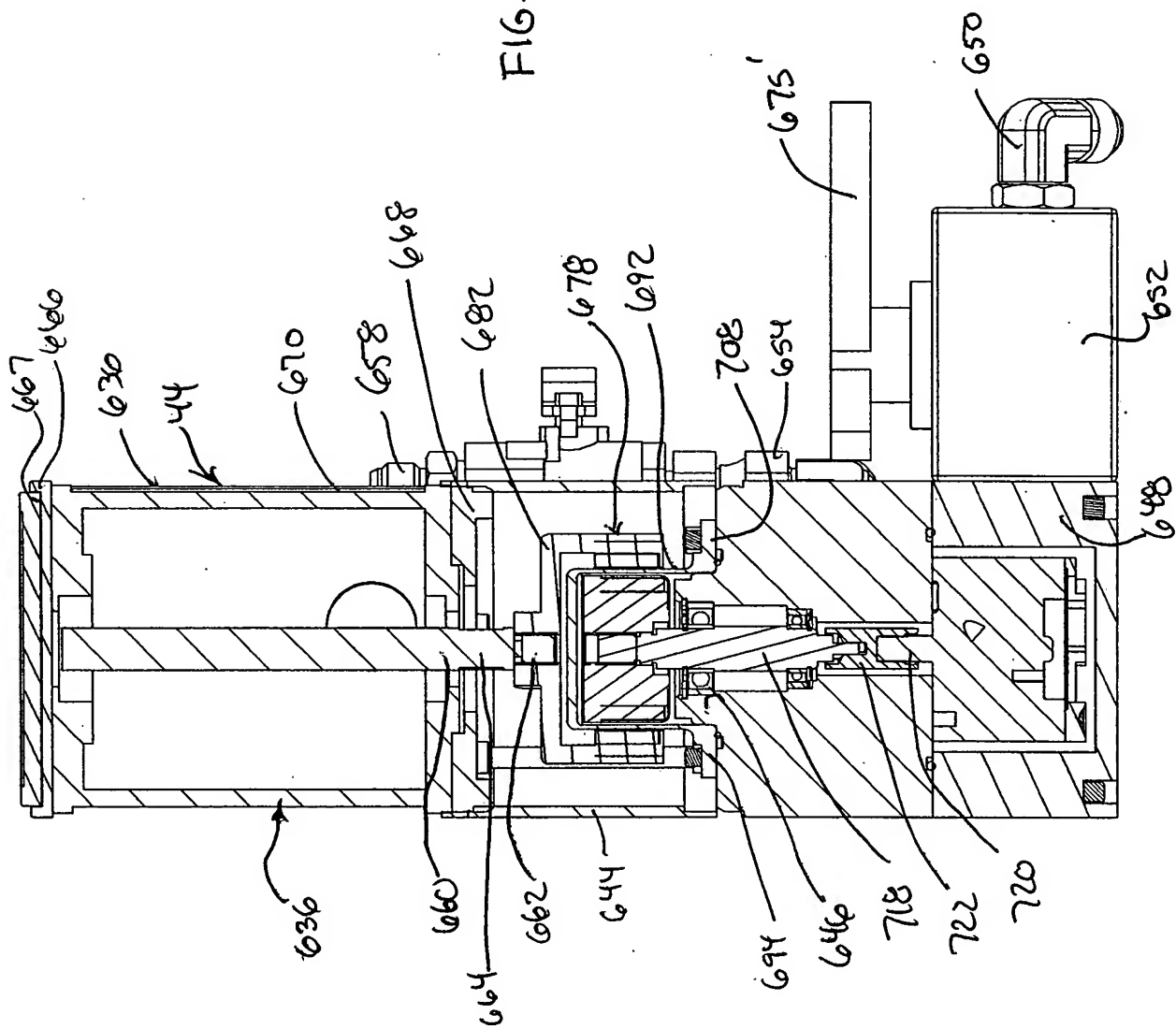


FIG. 78



FIG. 79

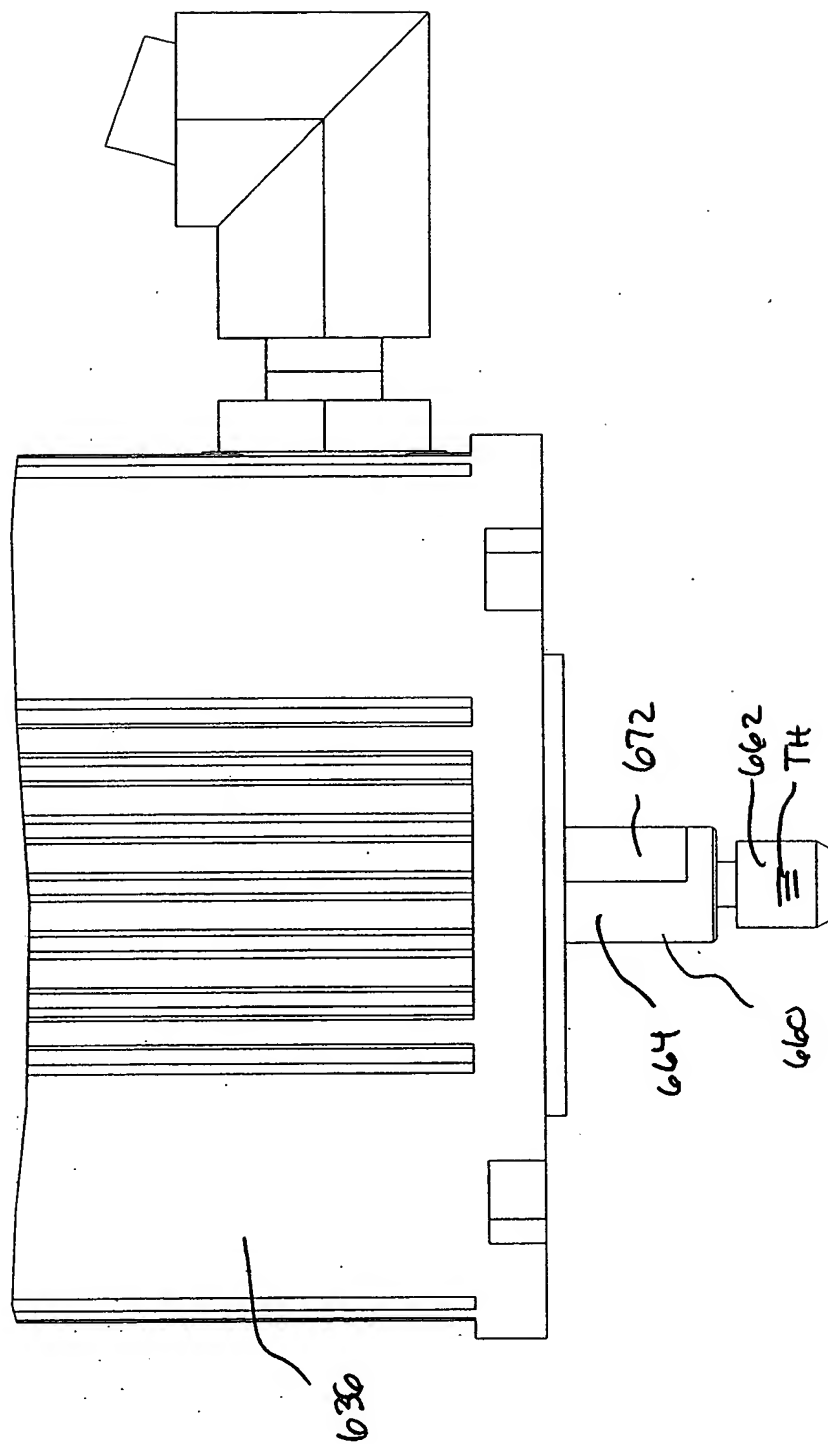
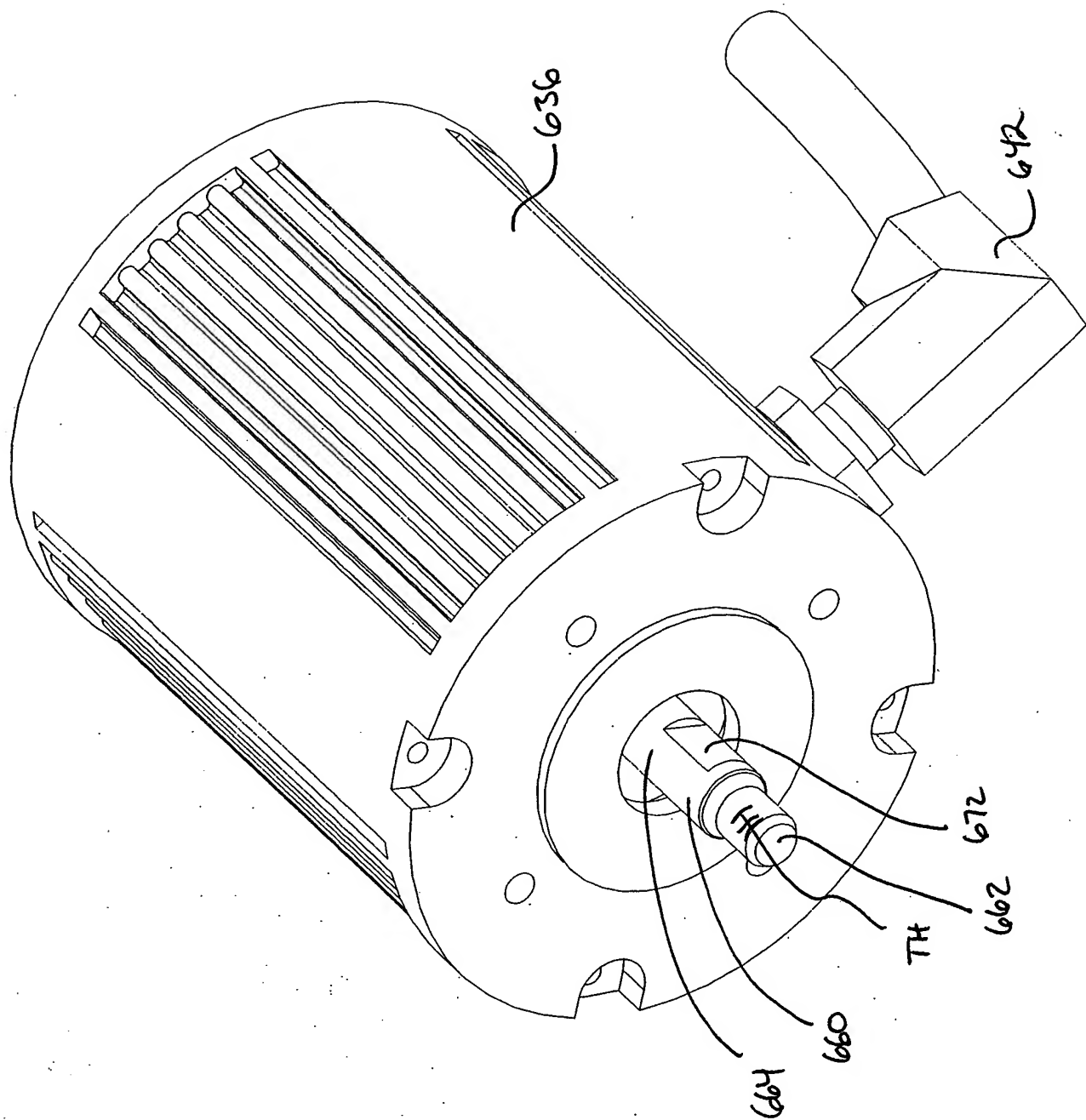


FIG. 80



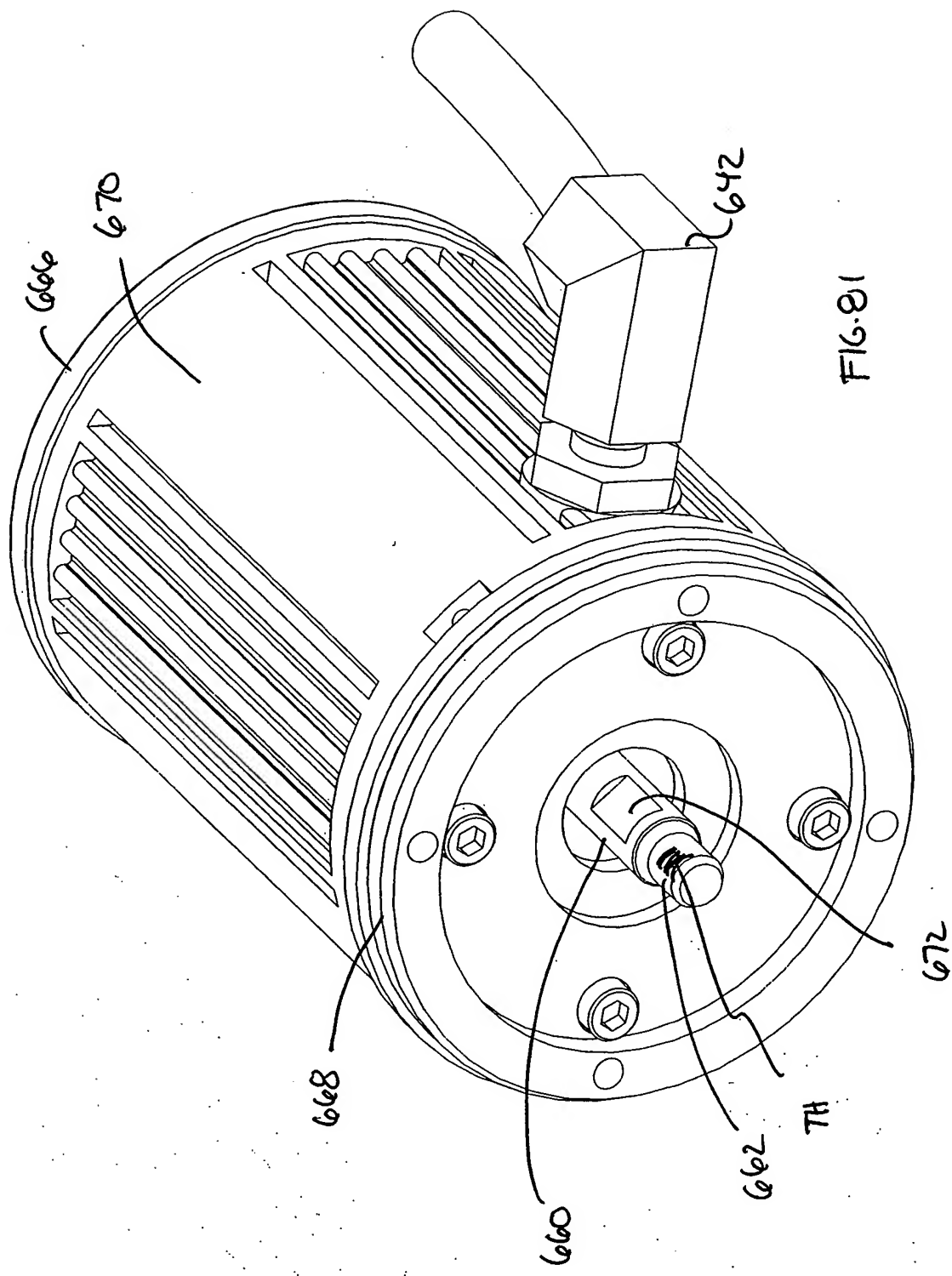
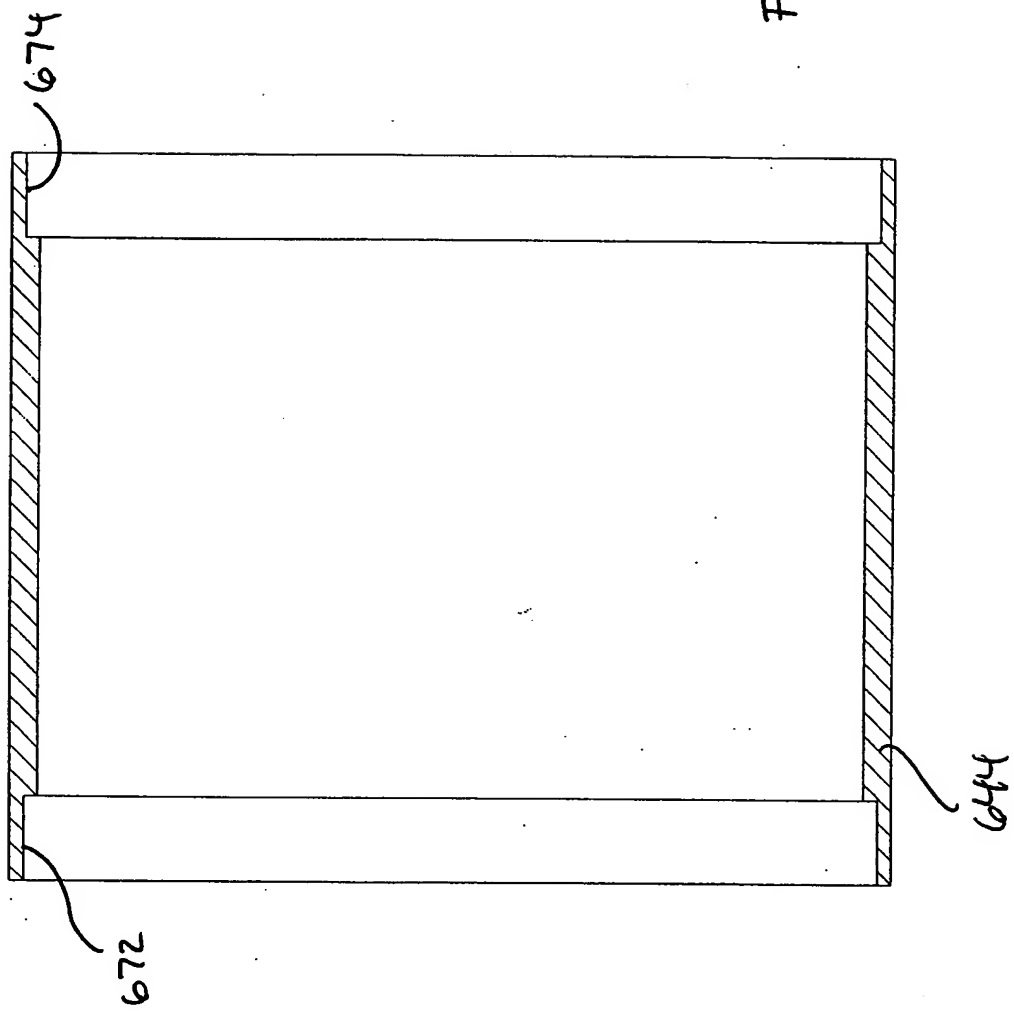
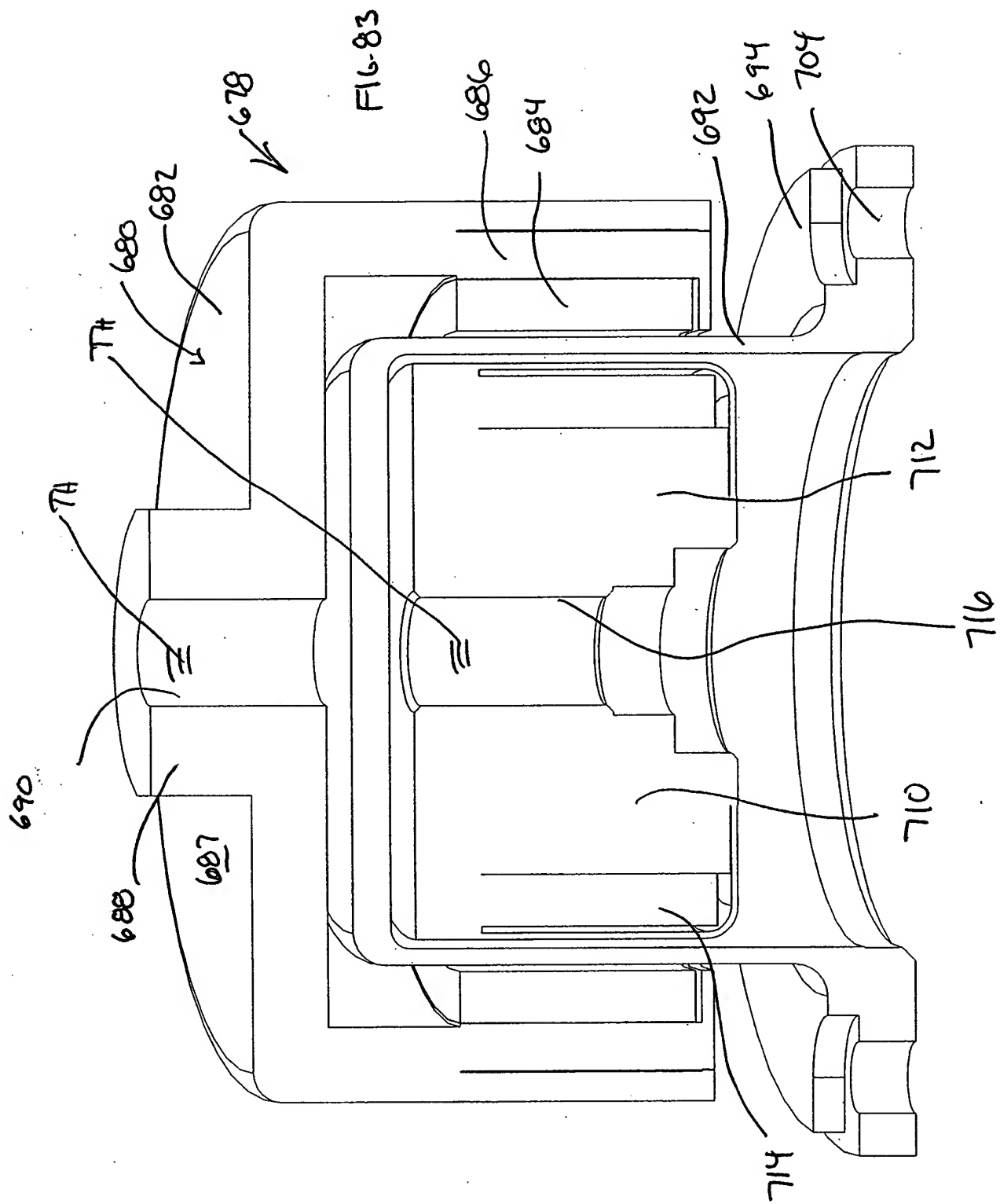


FIG. 81





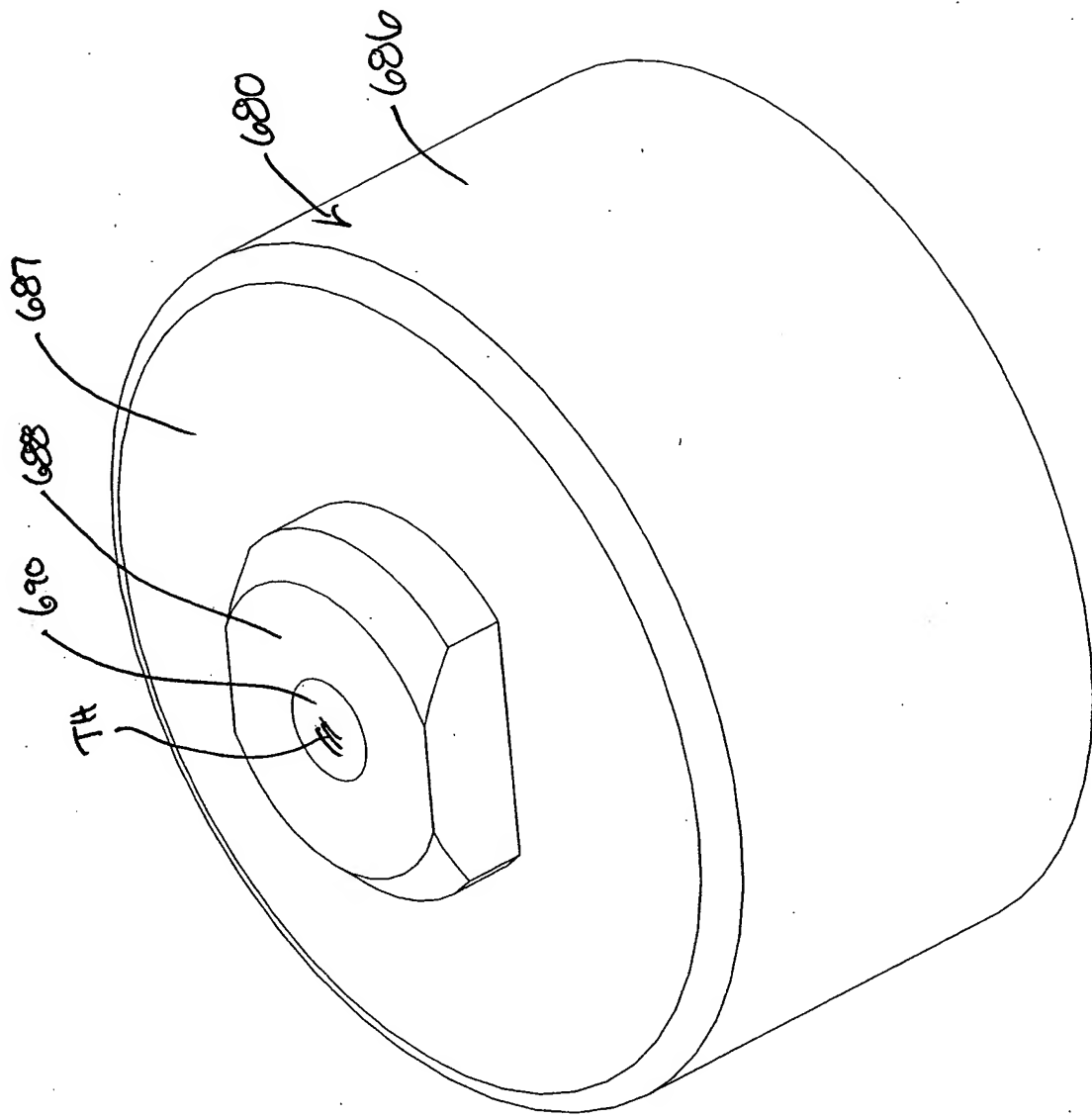


FIG. 84

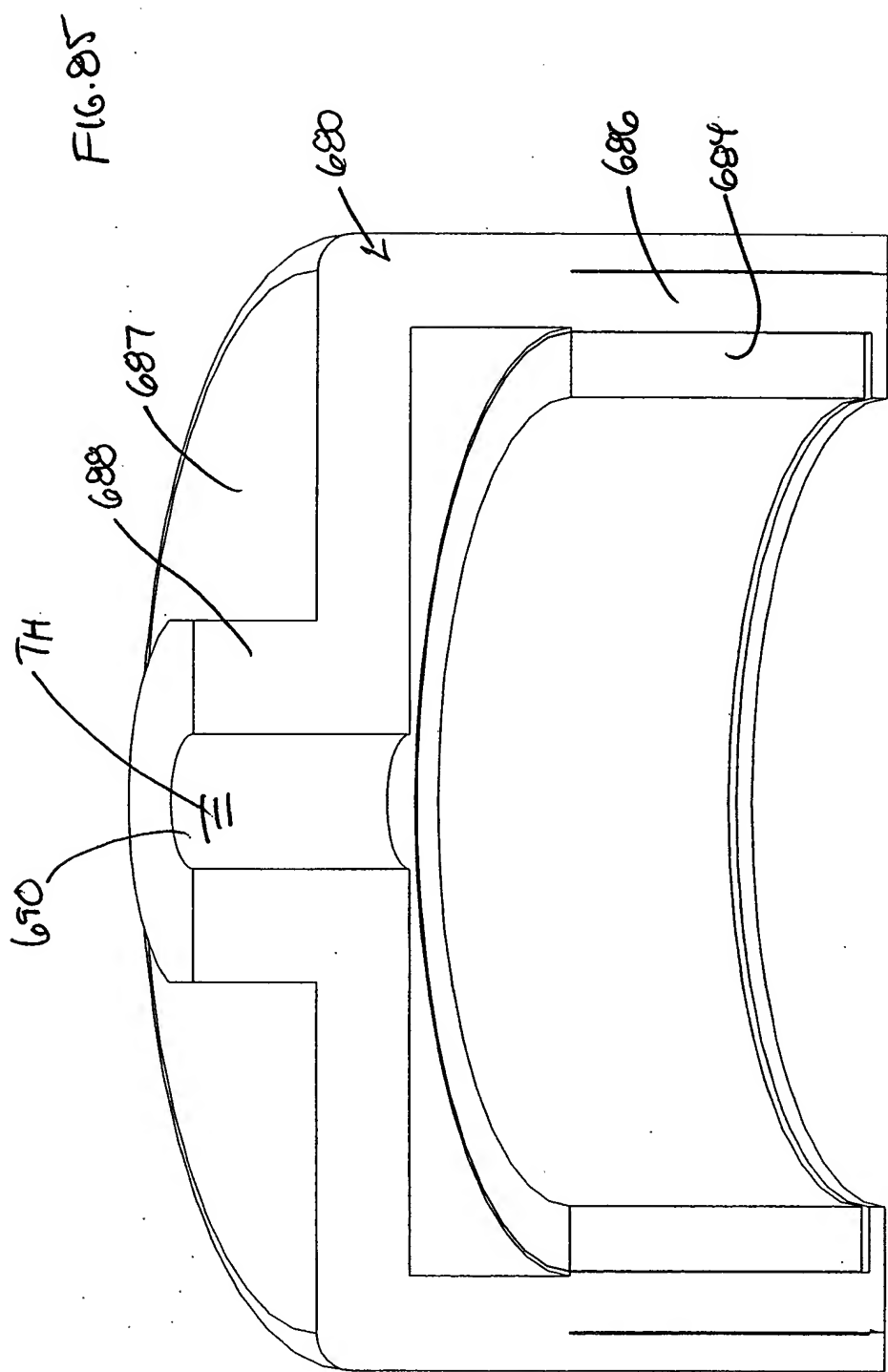


FIG. 8C

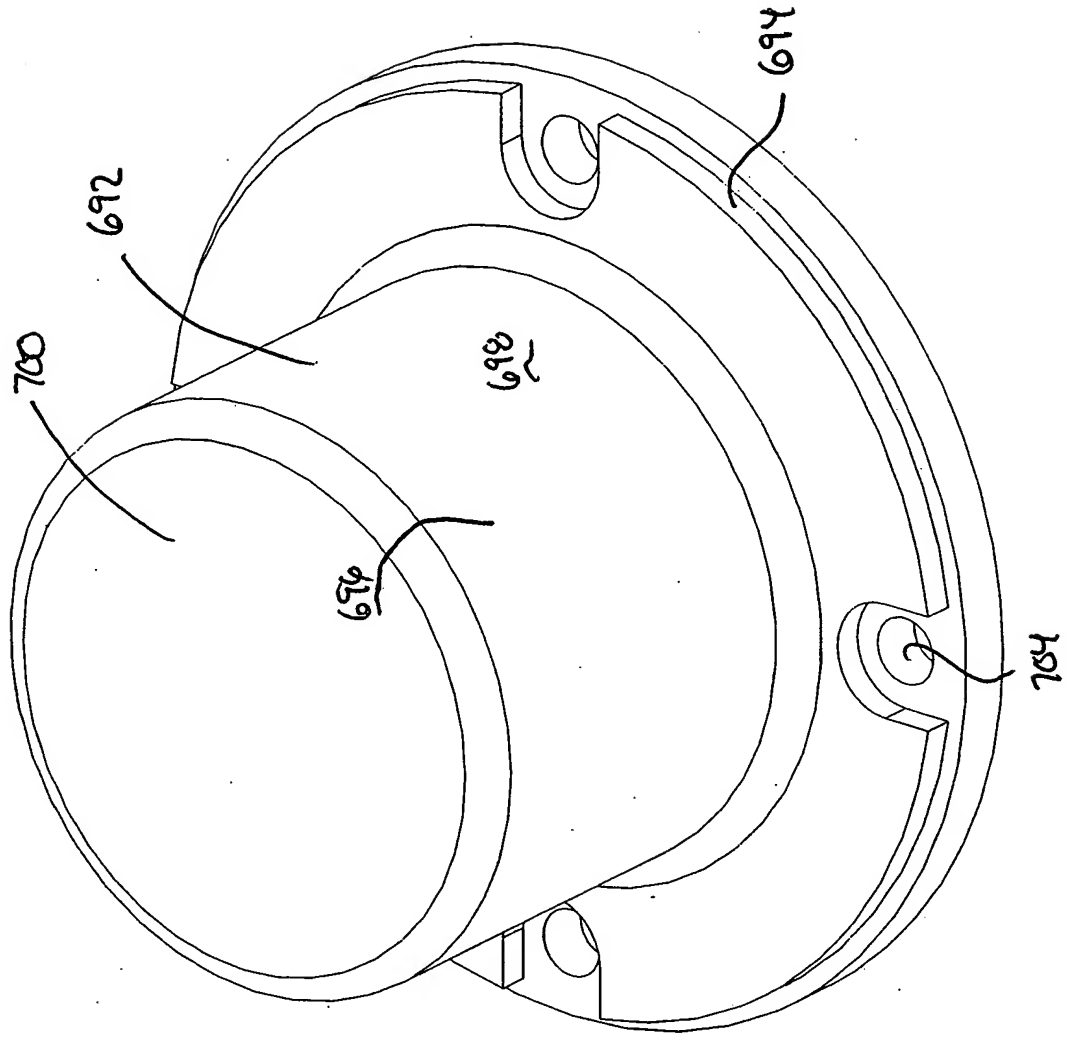
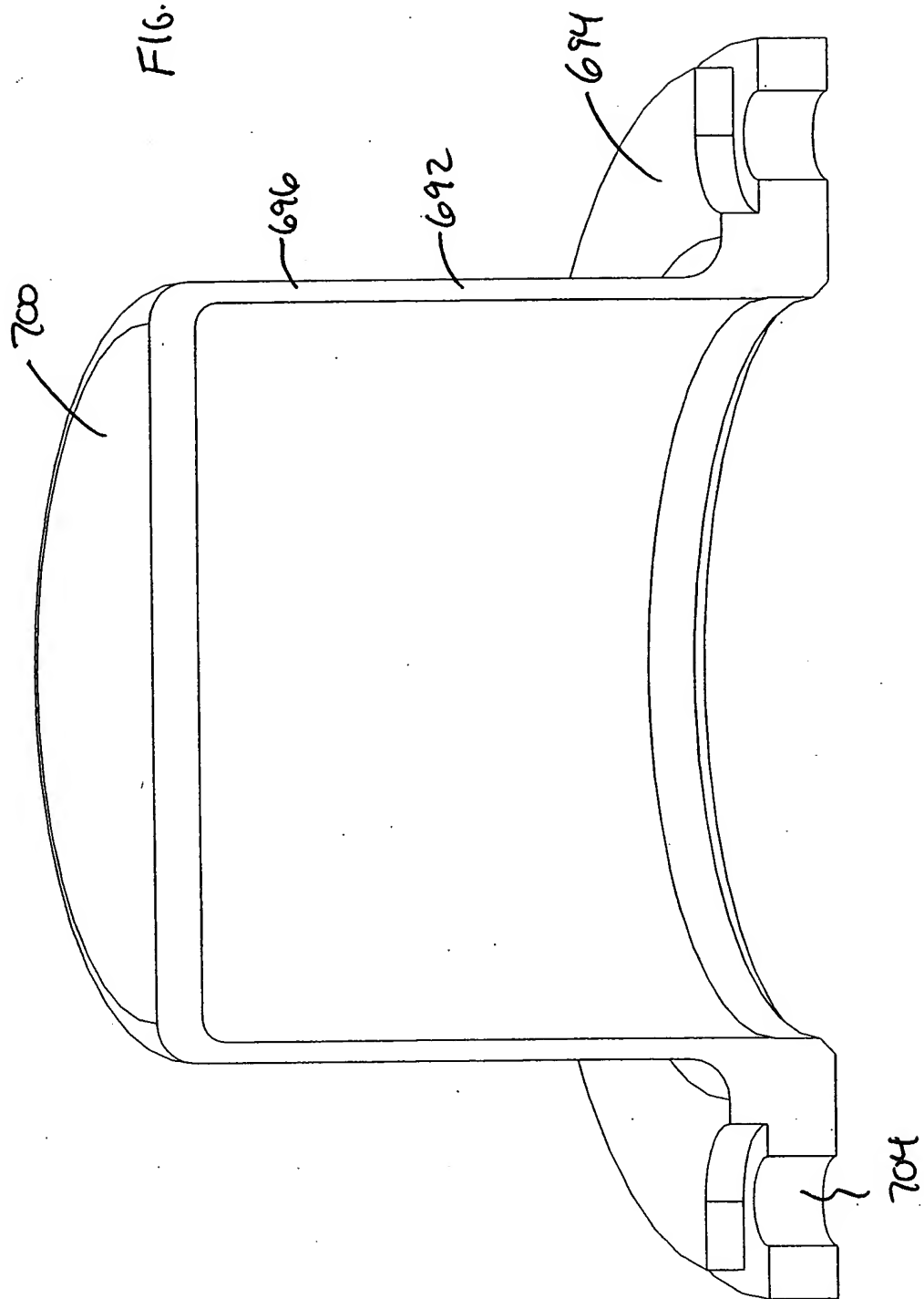




FIG. 87



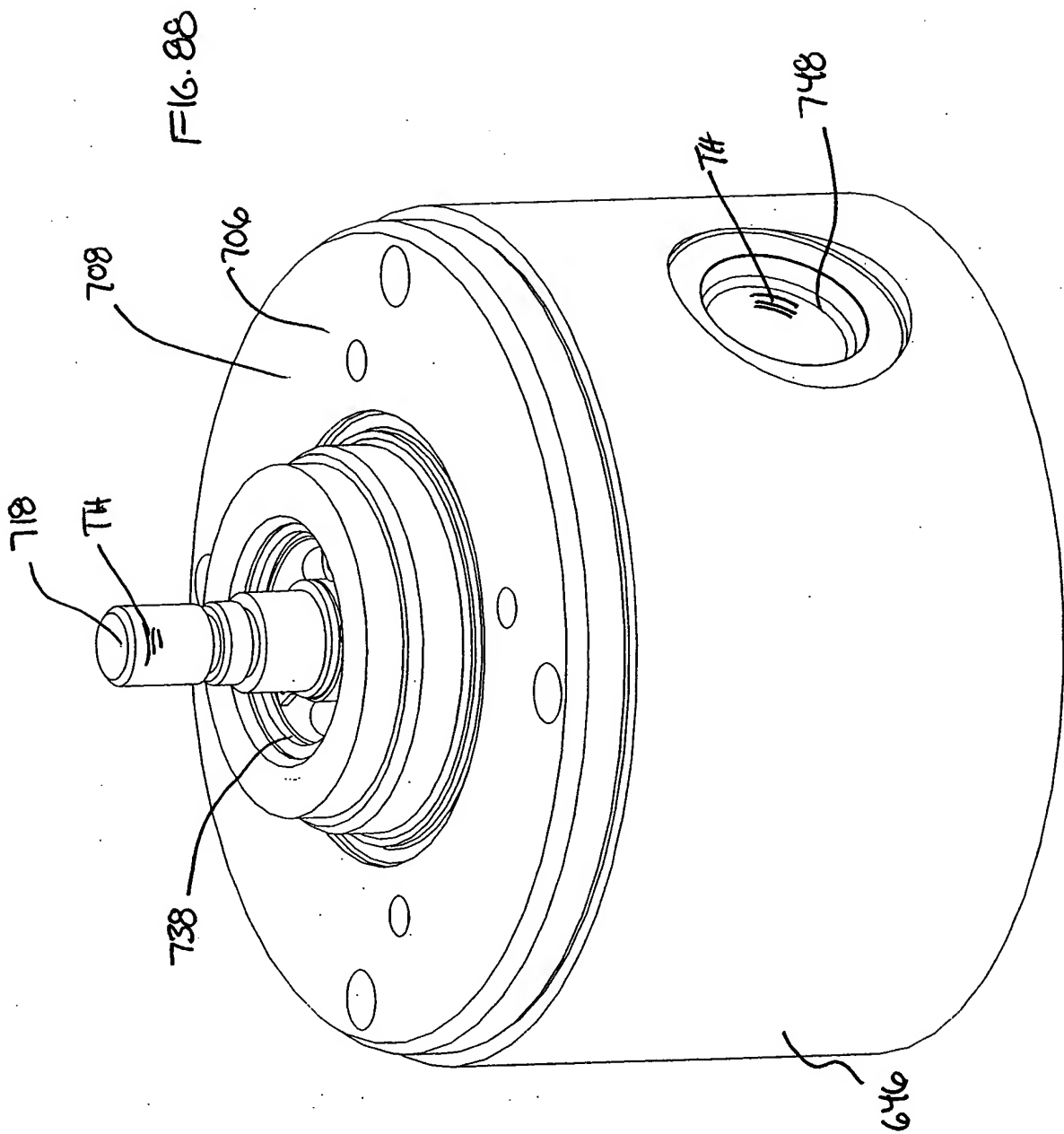


FIG. 89A

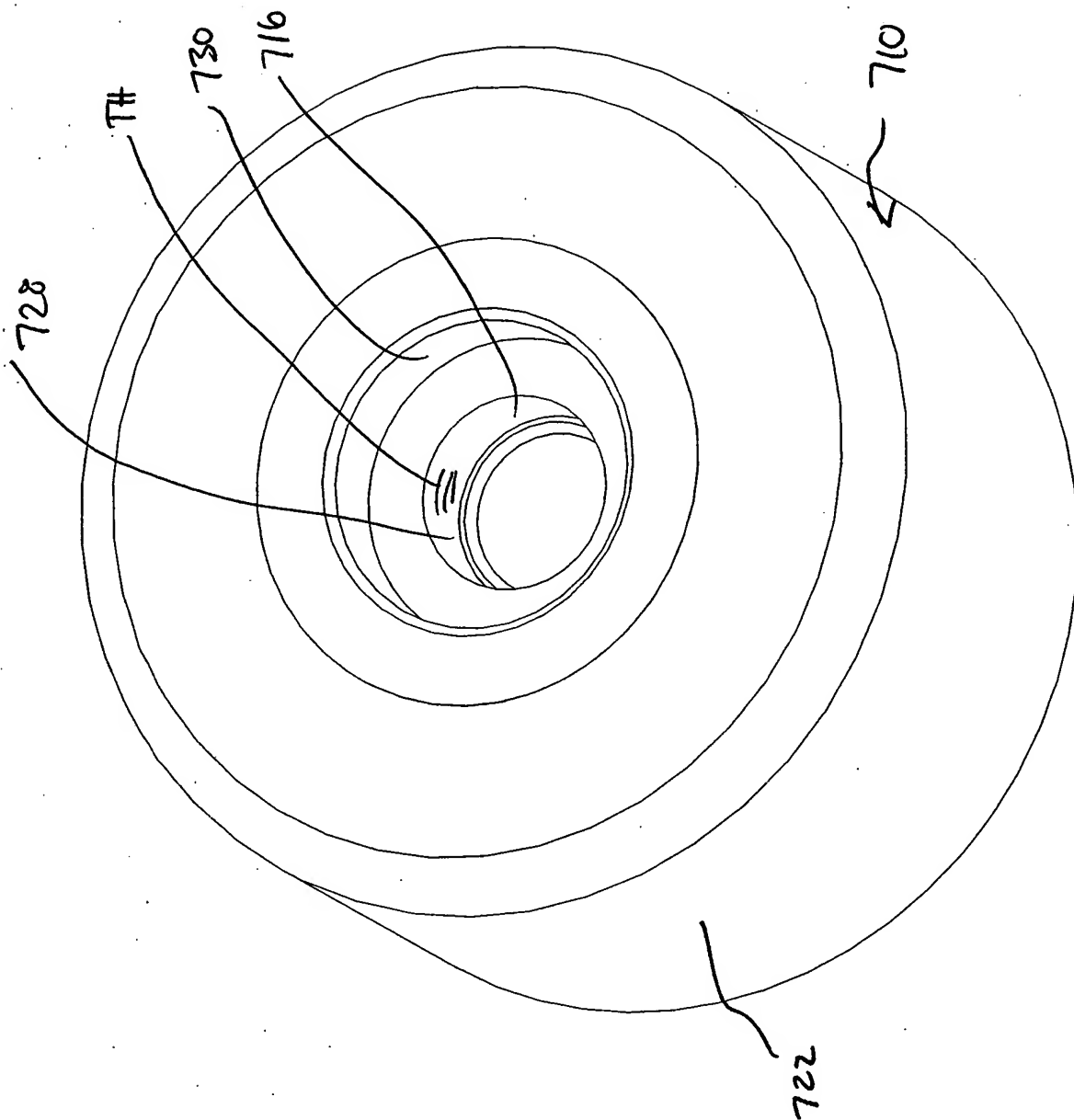


FIG. 89B

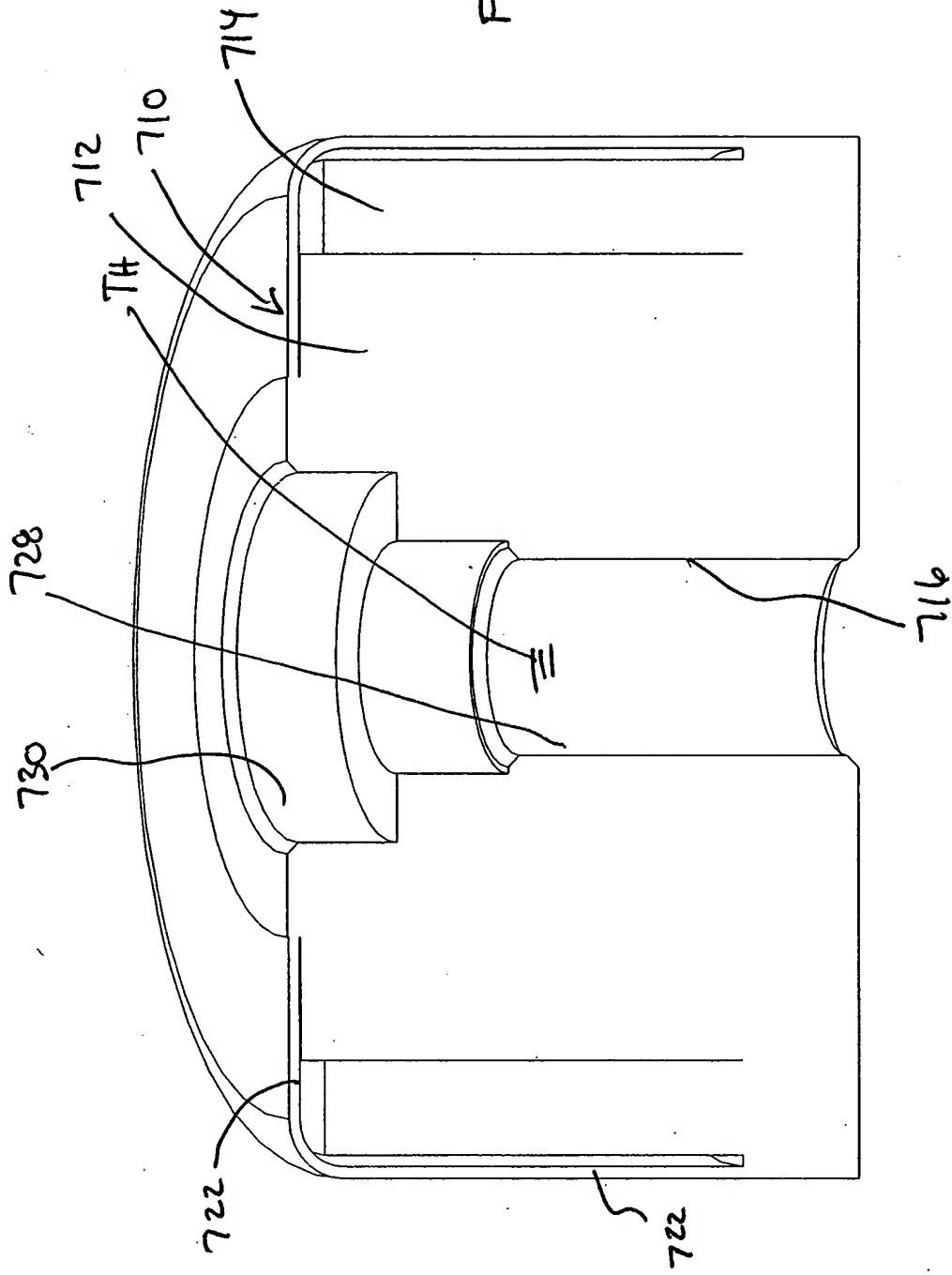
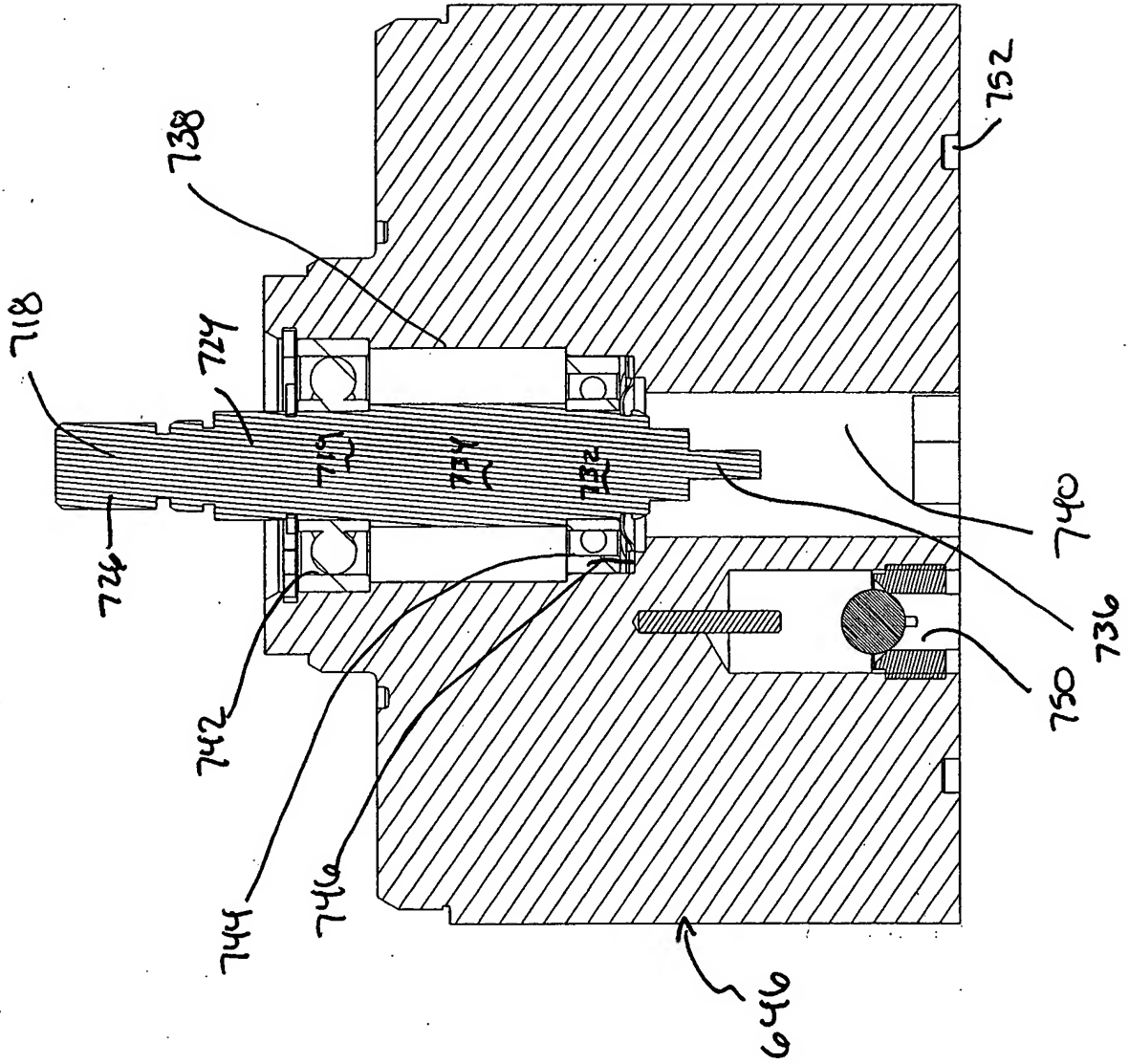


FIG. 90



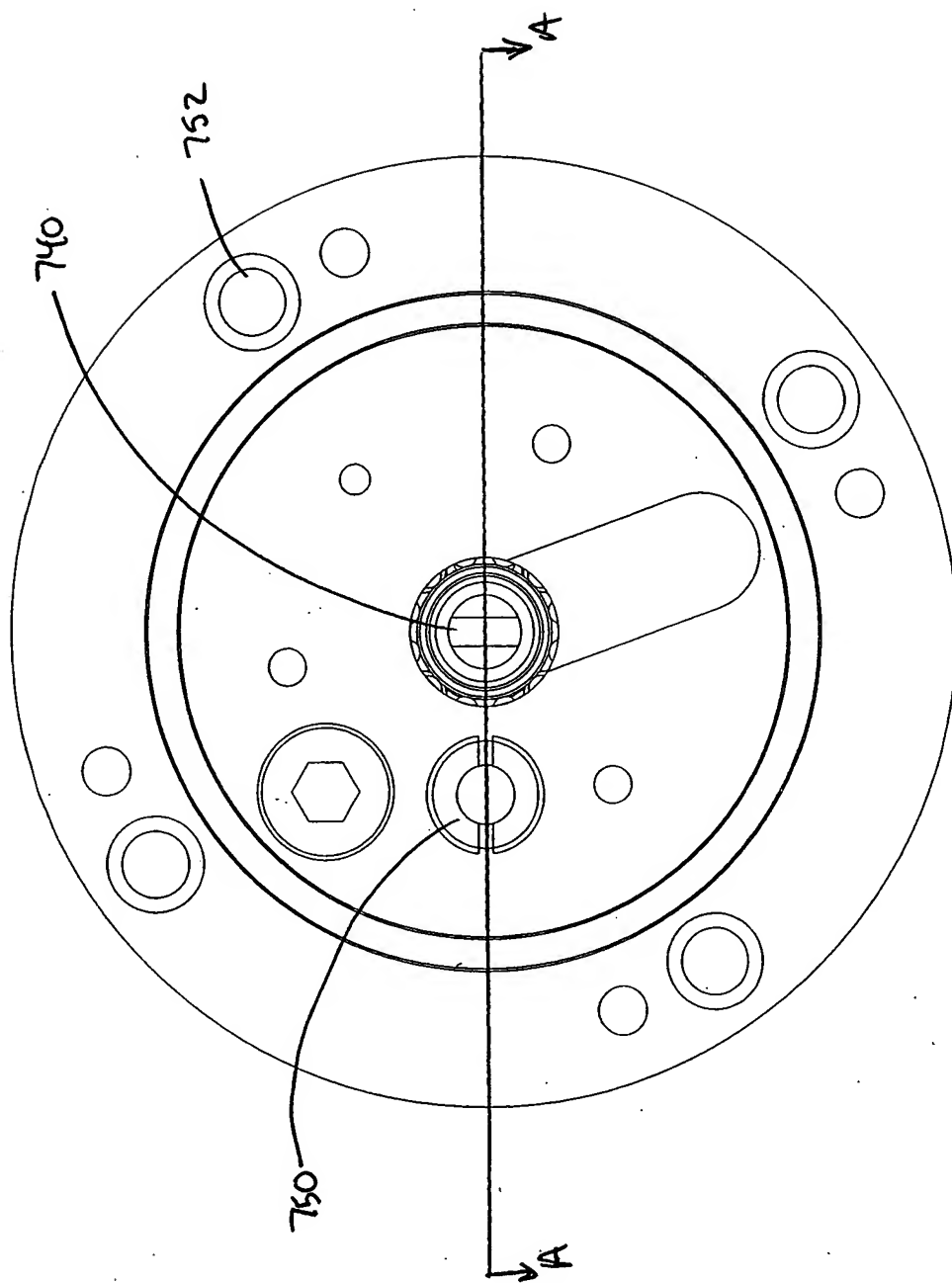
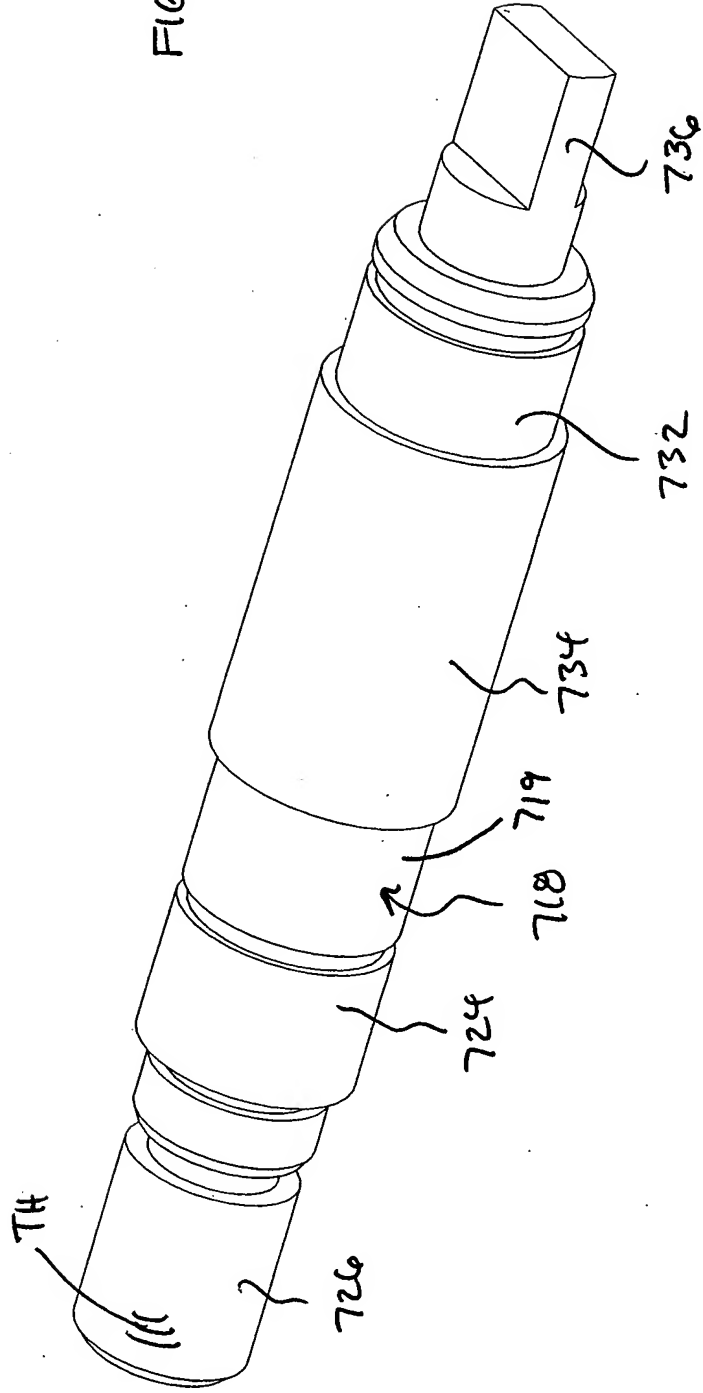


FIG. 91

FIG. 92



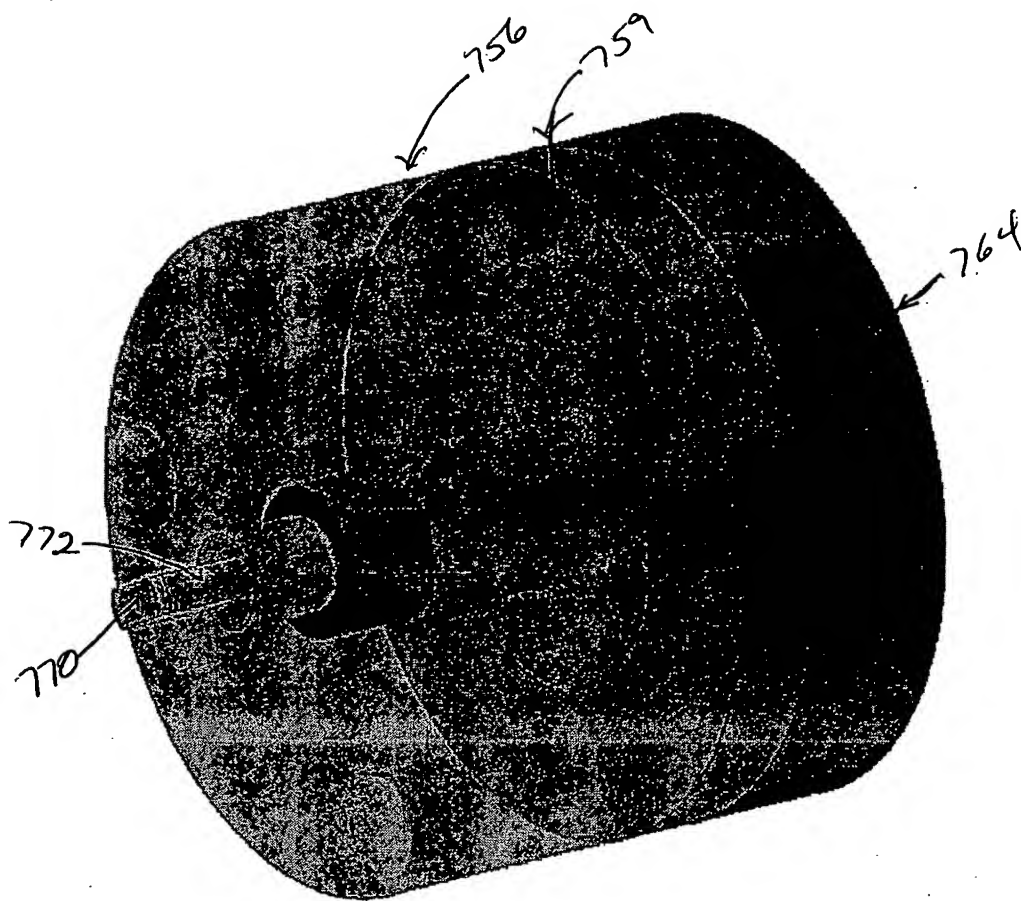


FIG. 93



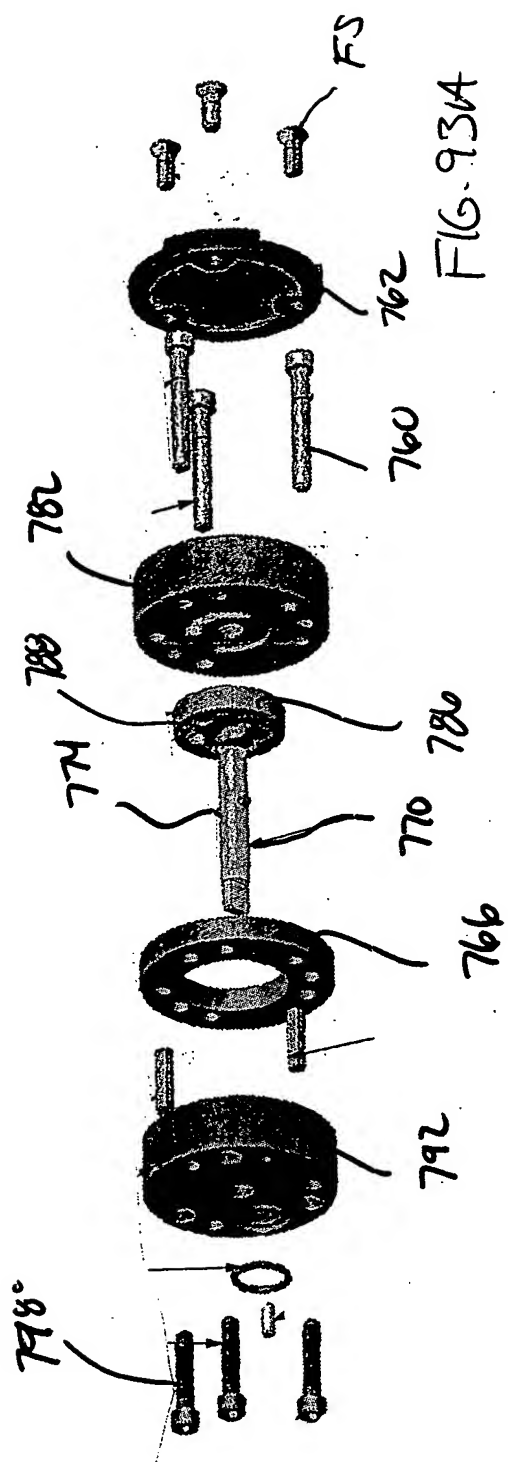


FIG. 93A

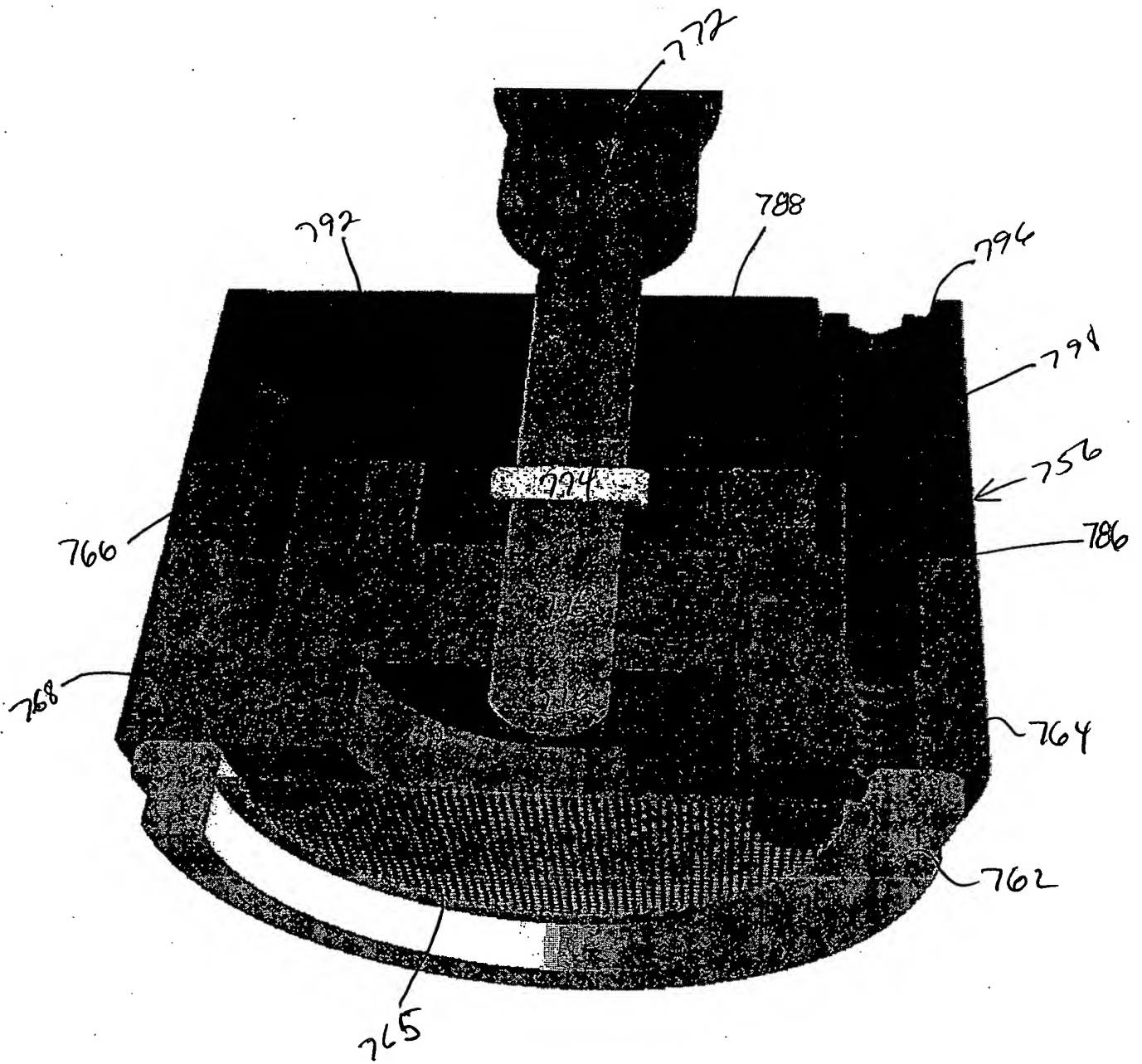


FIG. 94

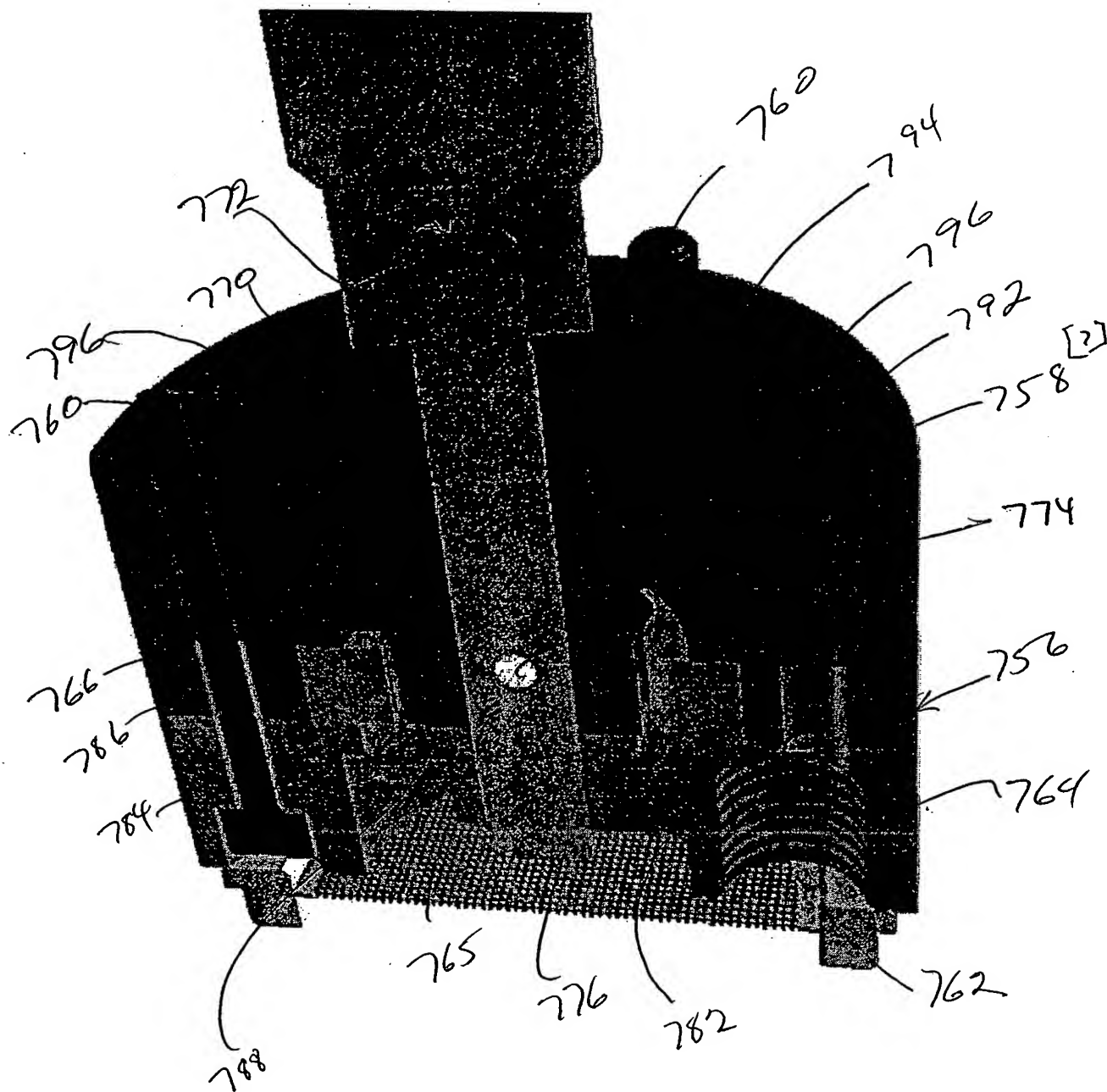
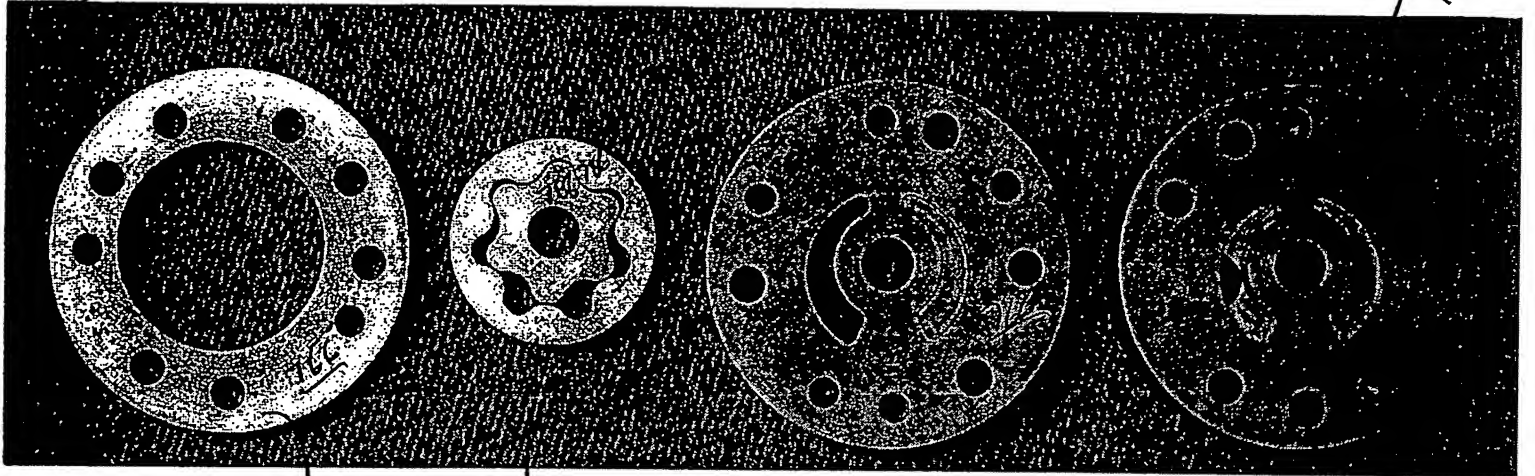


FIG. 95

FIG. 96

294



766

768

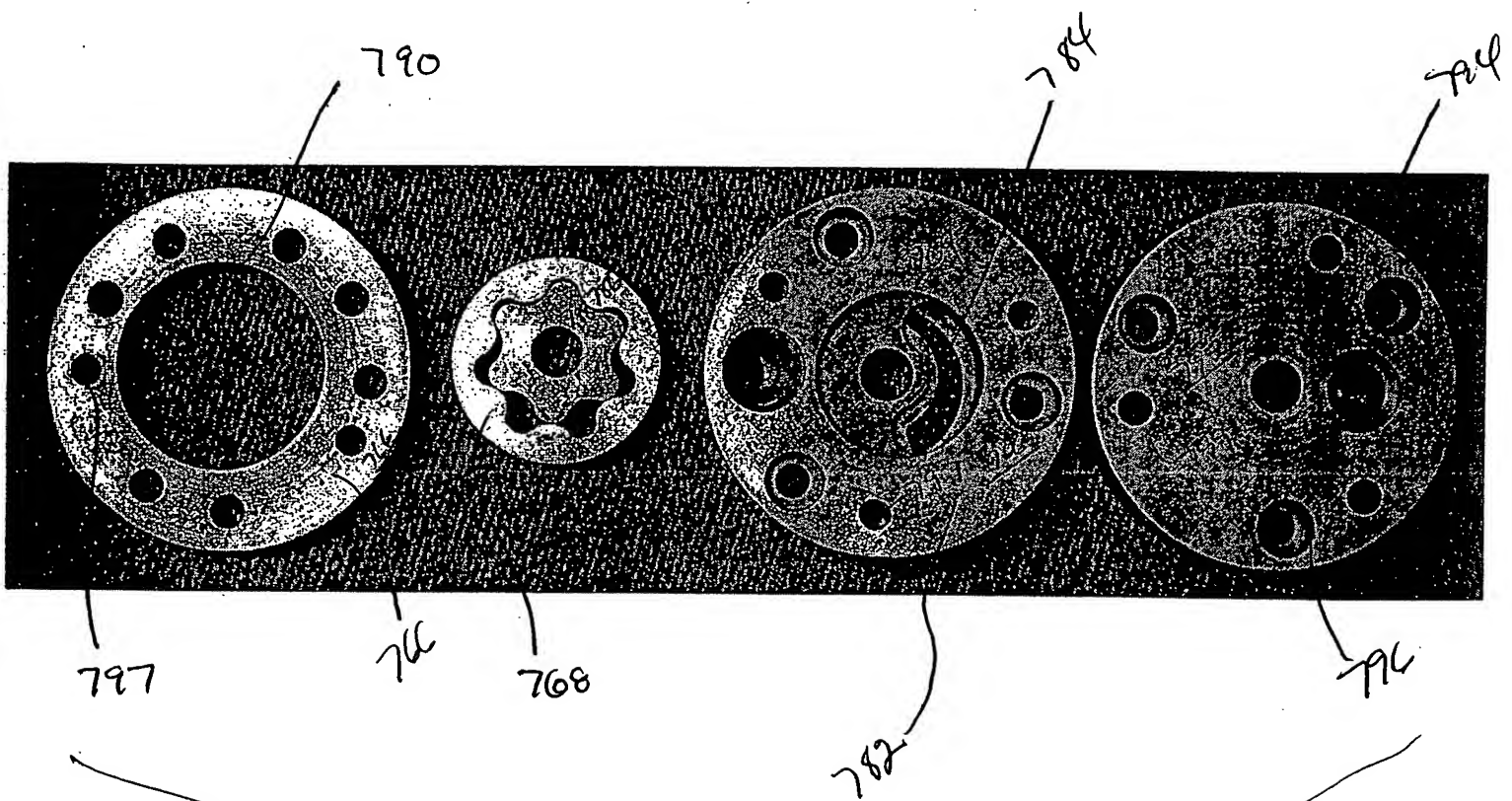


FIG. 97

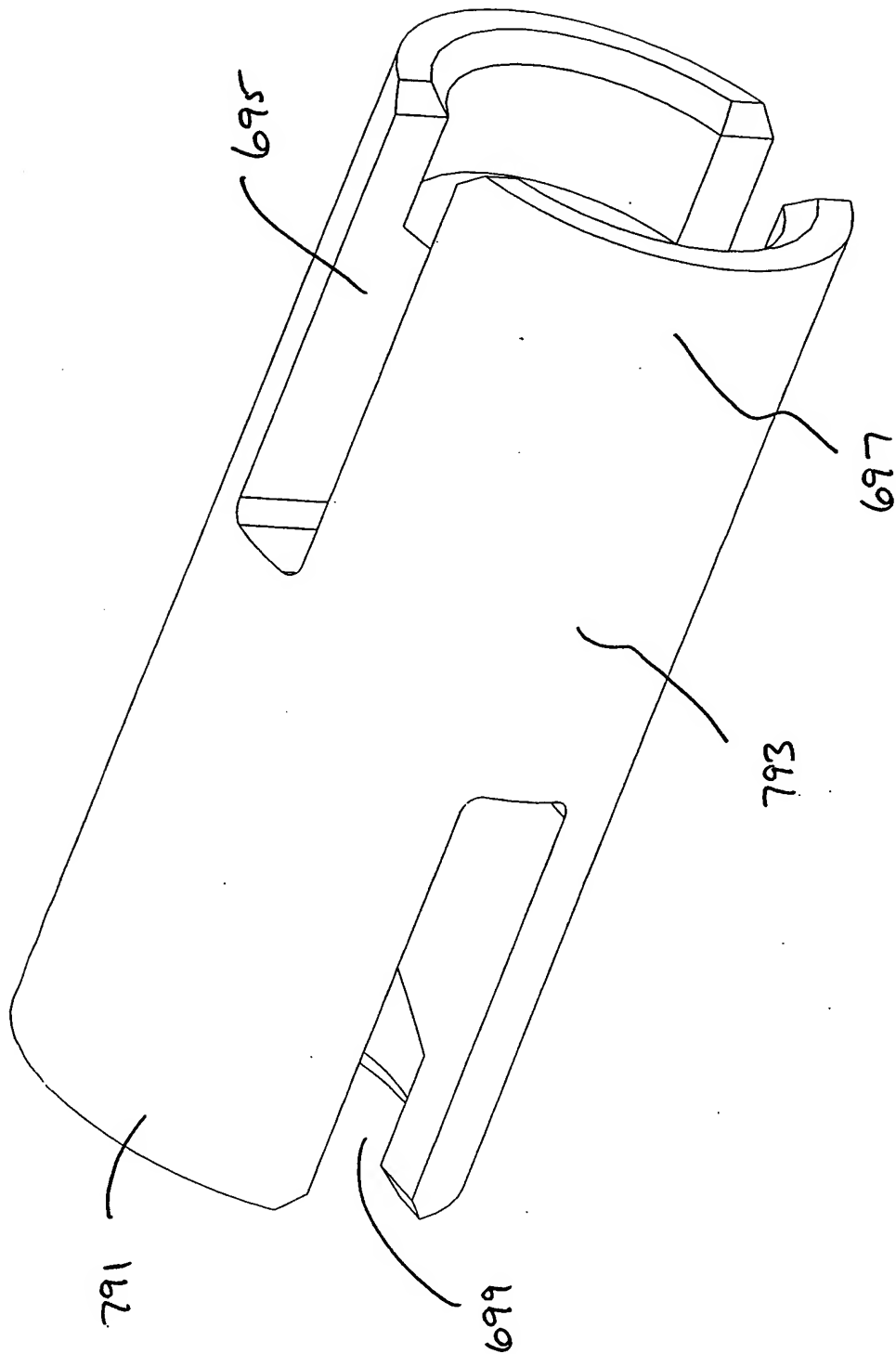
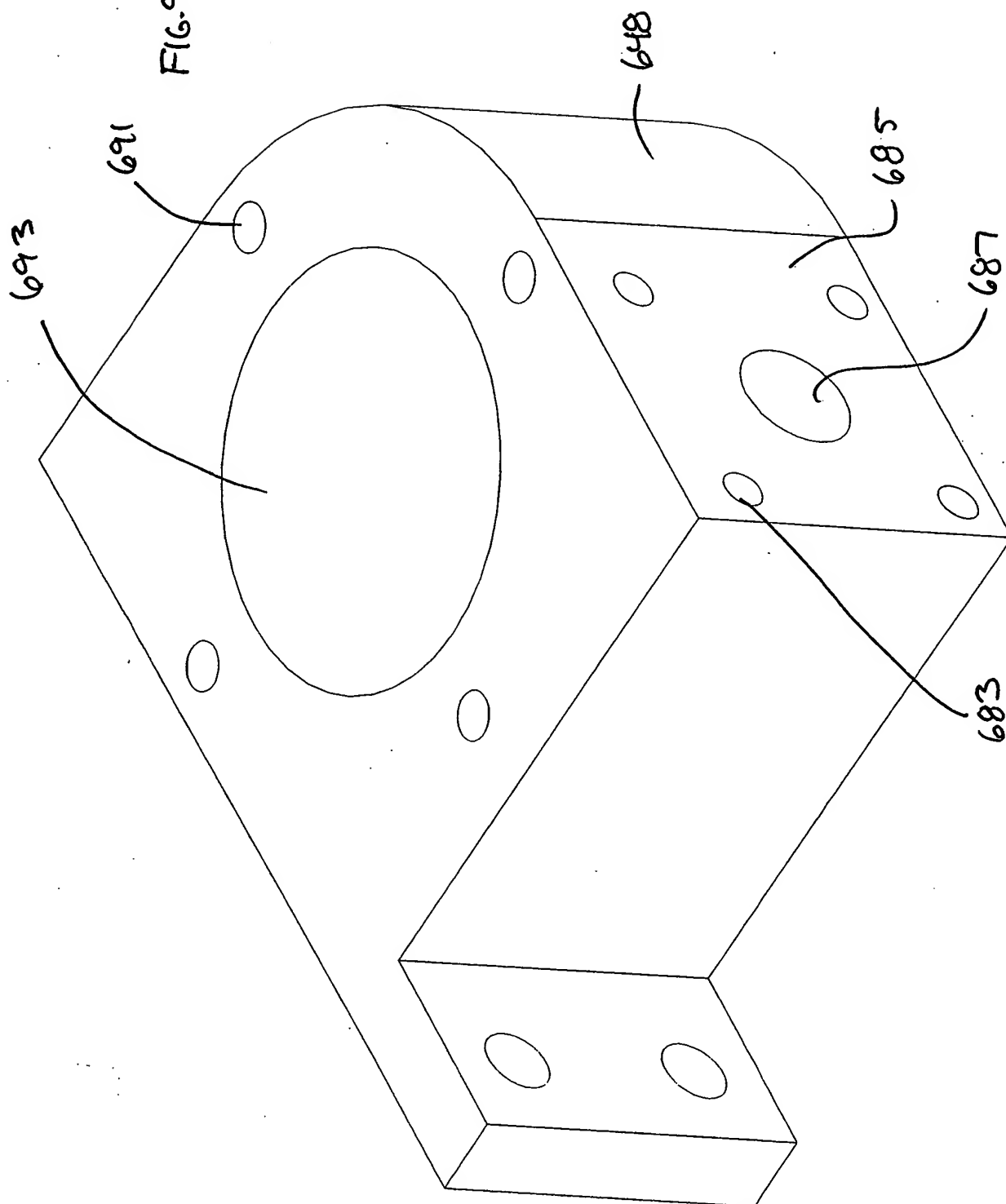


FIG. 98

FIG. 99



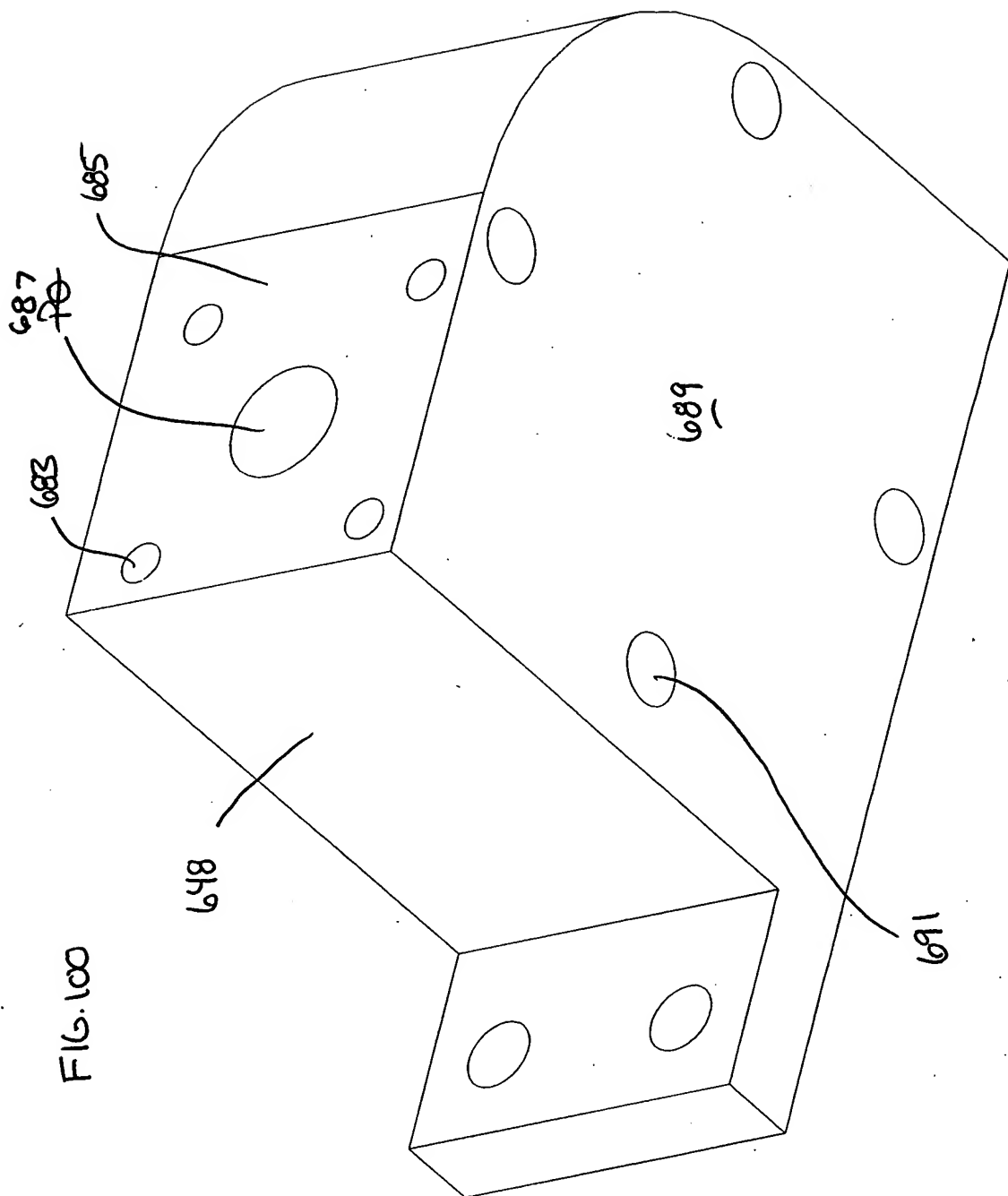
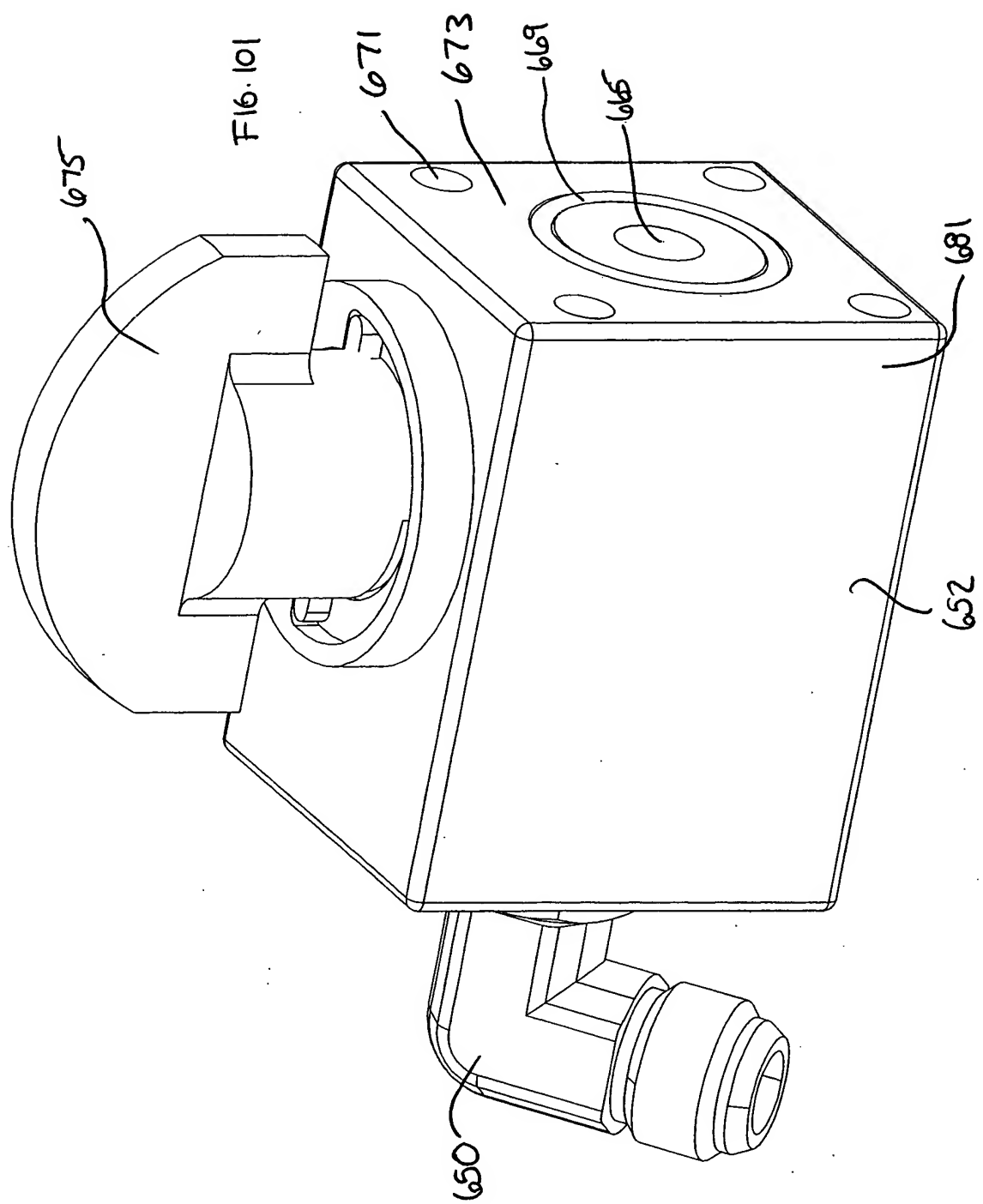


FIG. 100





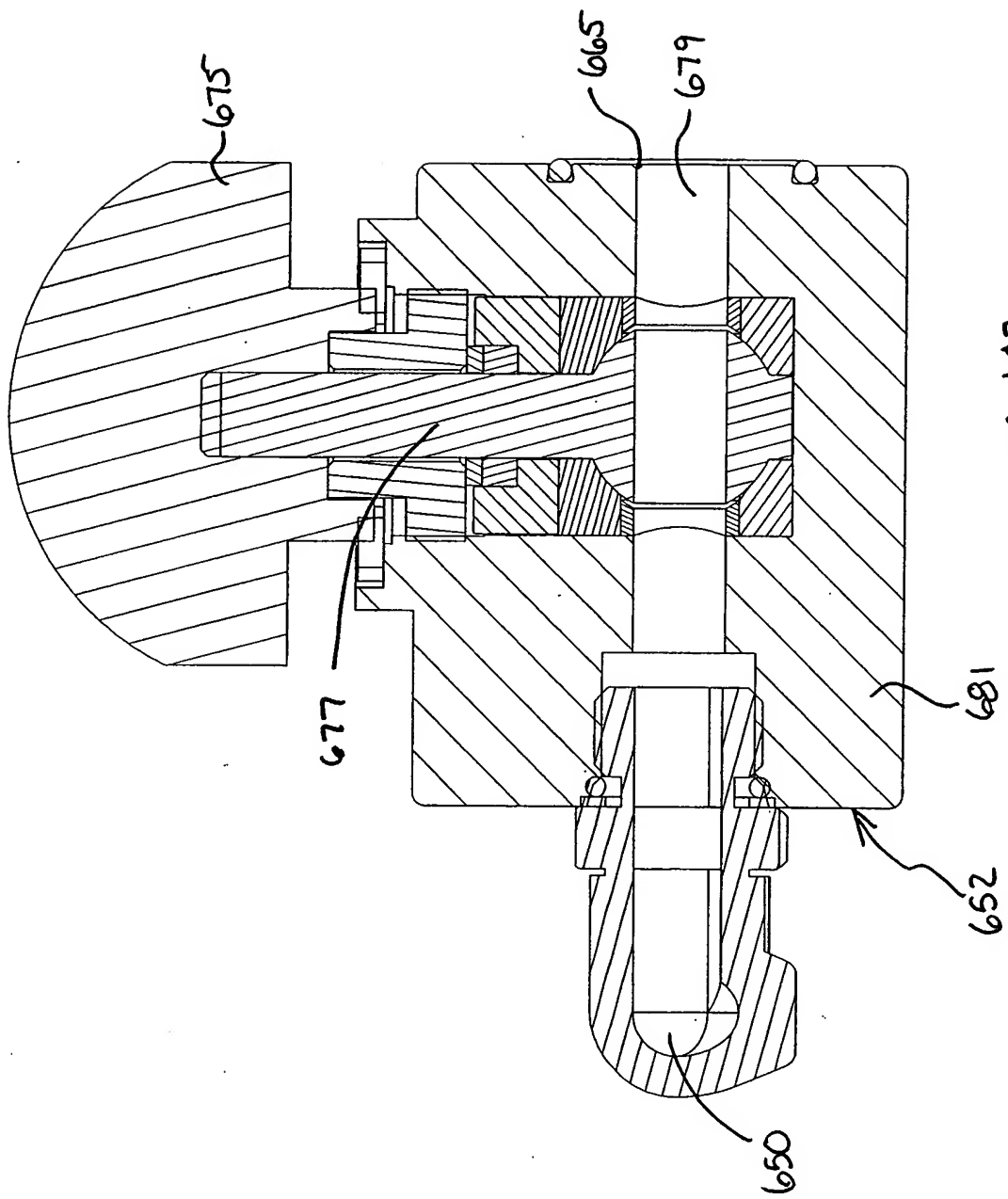
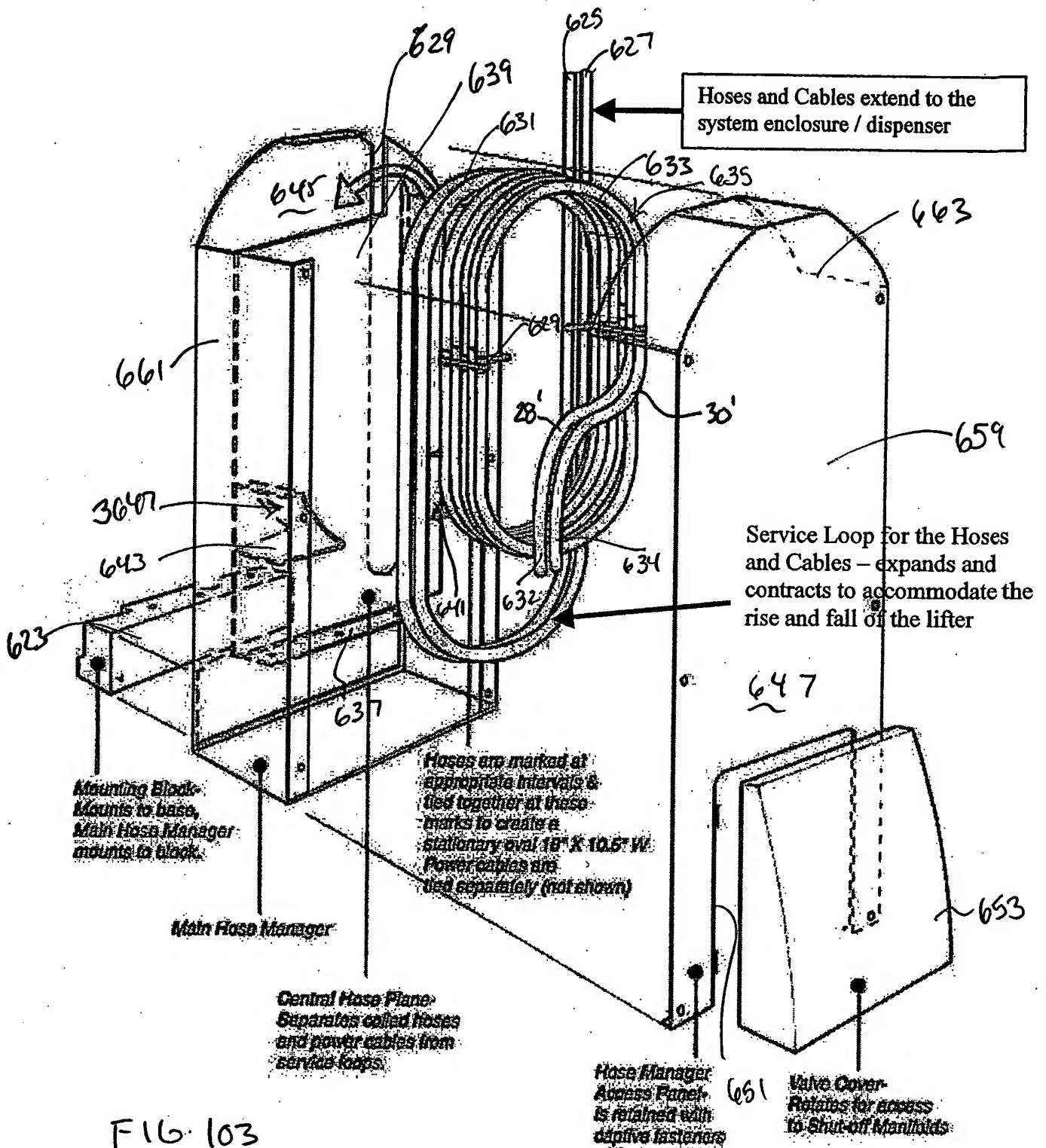


FIG. 102



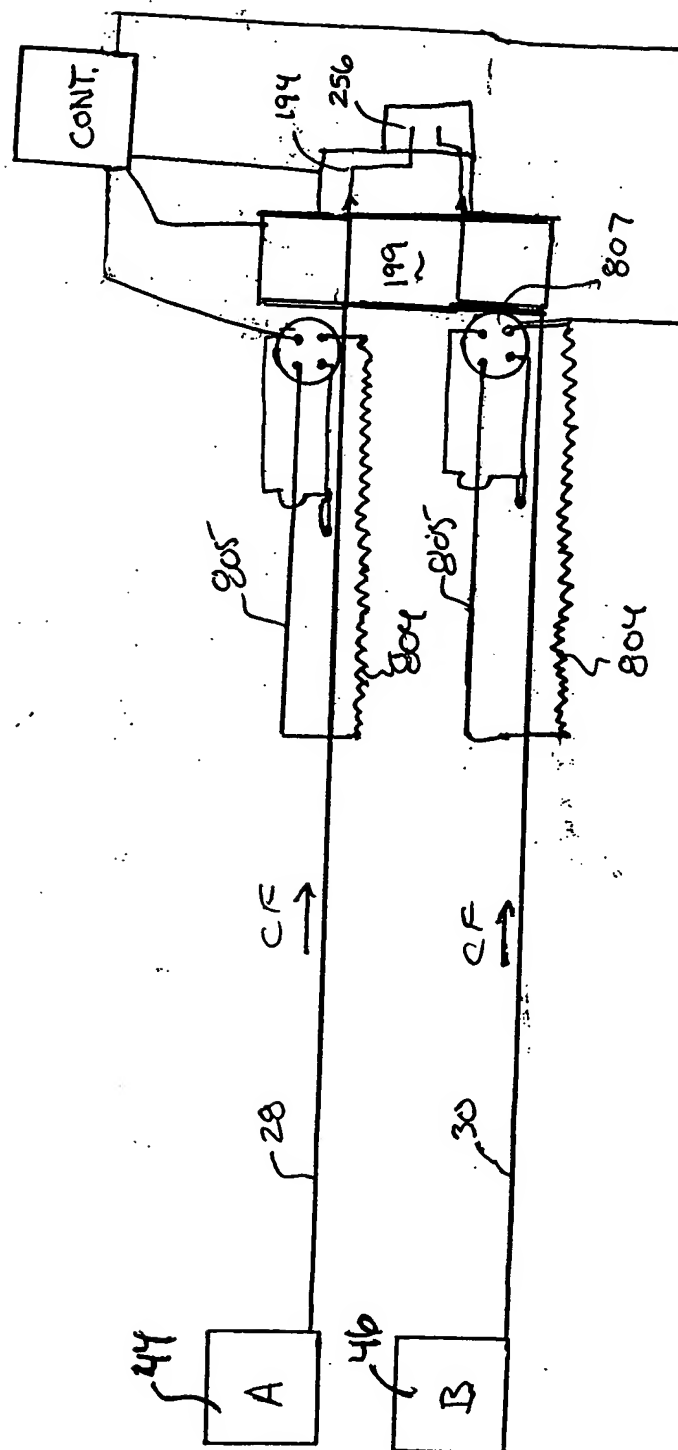


FIG. 104

FIG. 10S

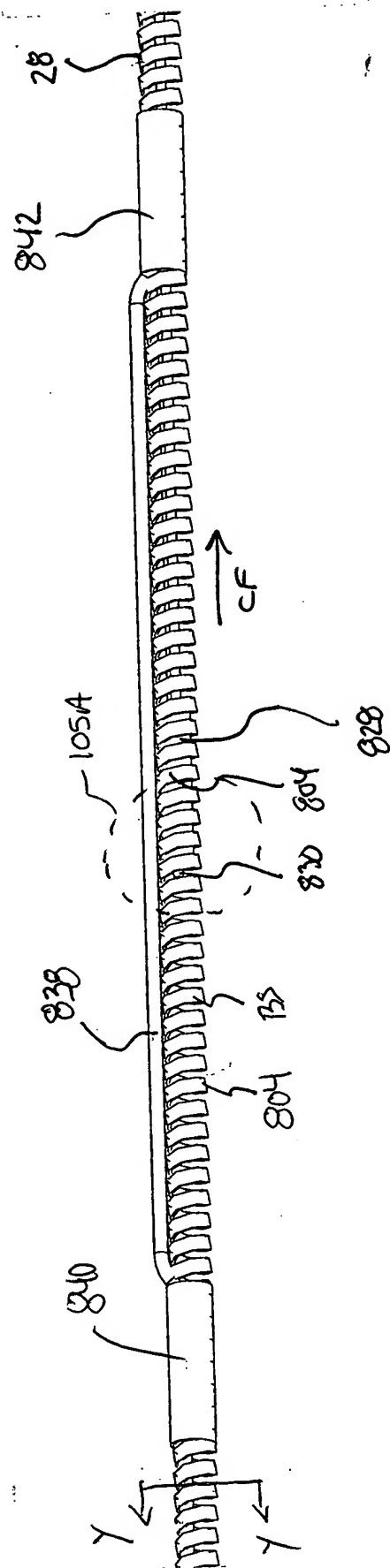


FIG. 105A

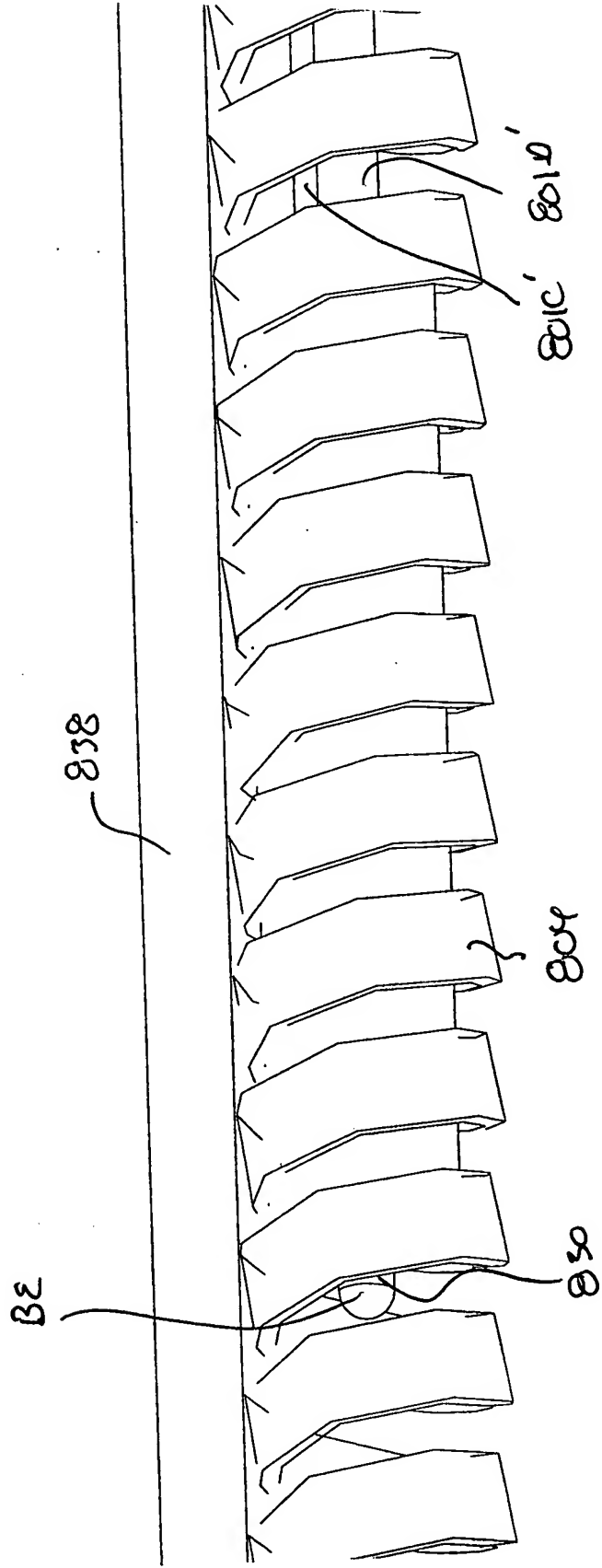
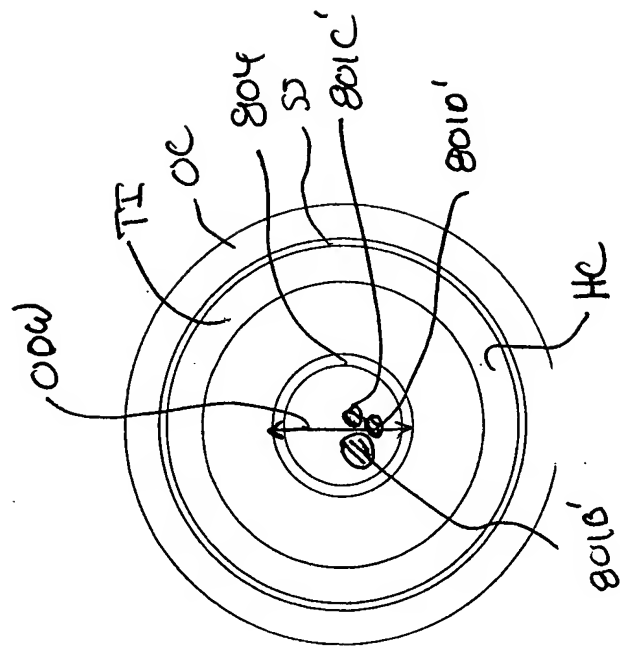


FIG. 106



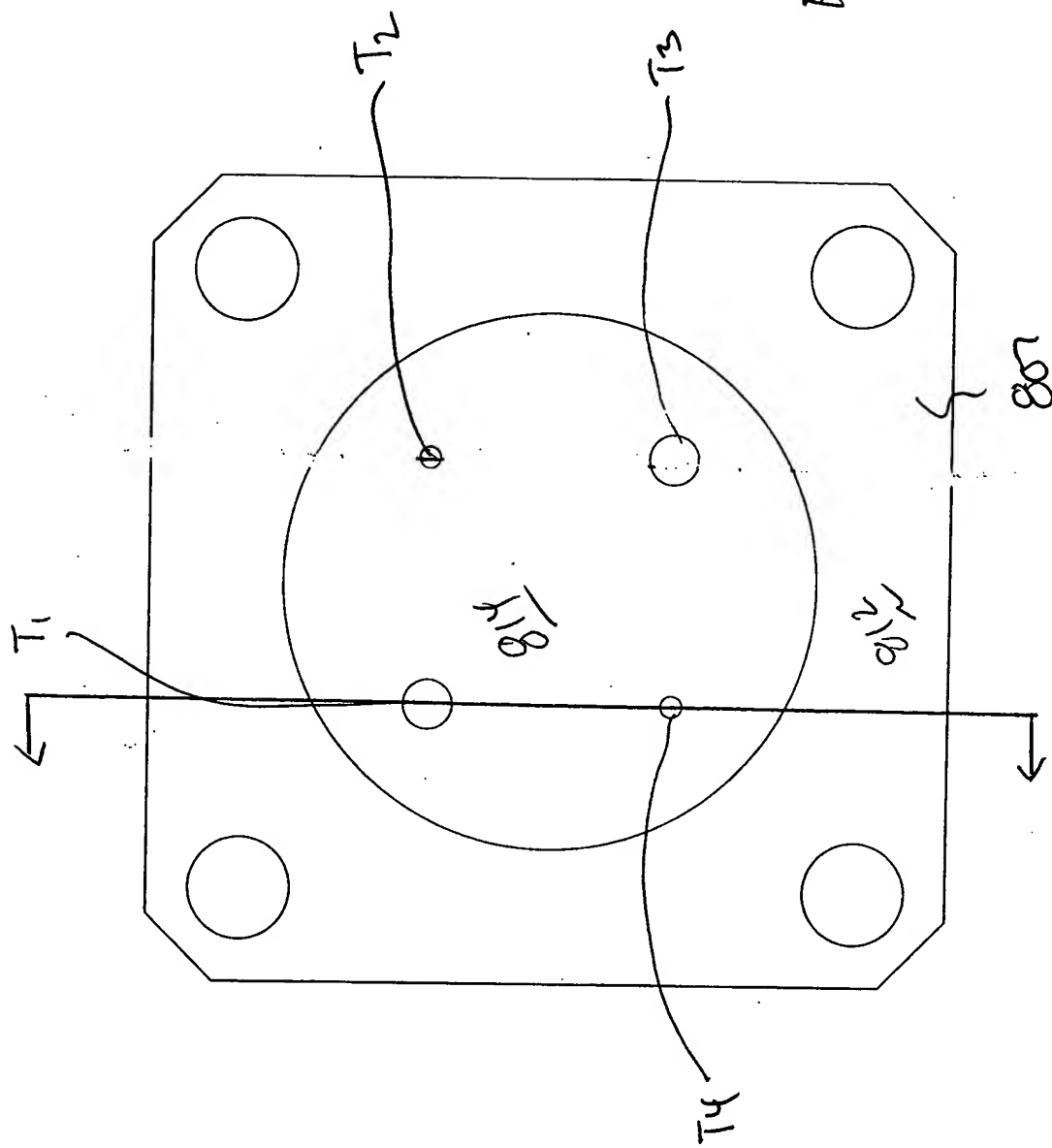


FIG. 107



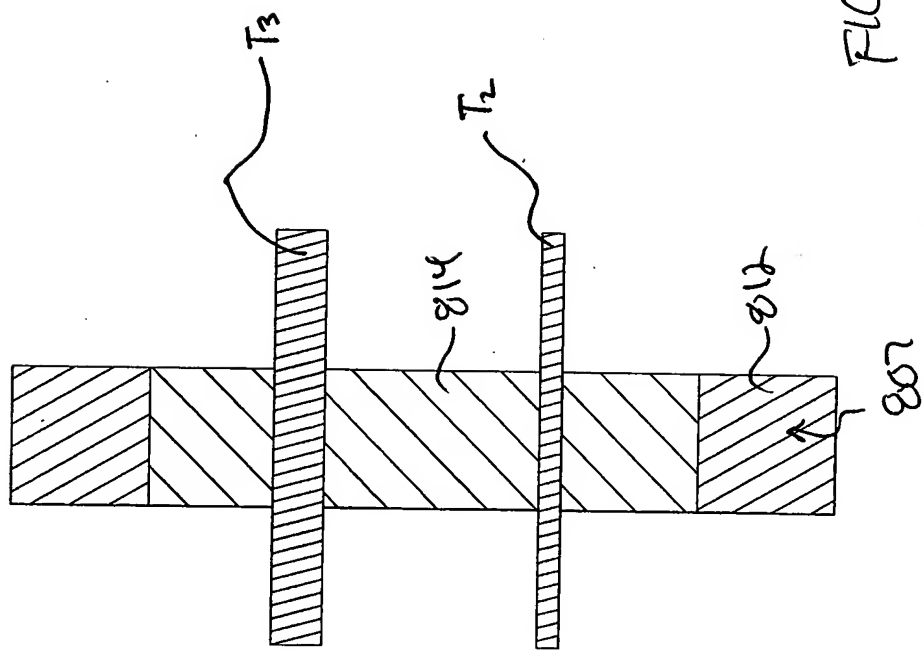


FIG. 108

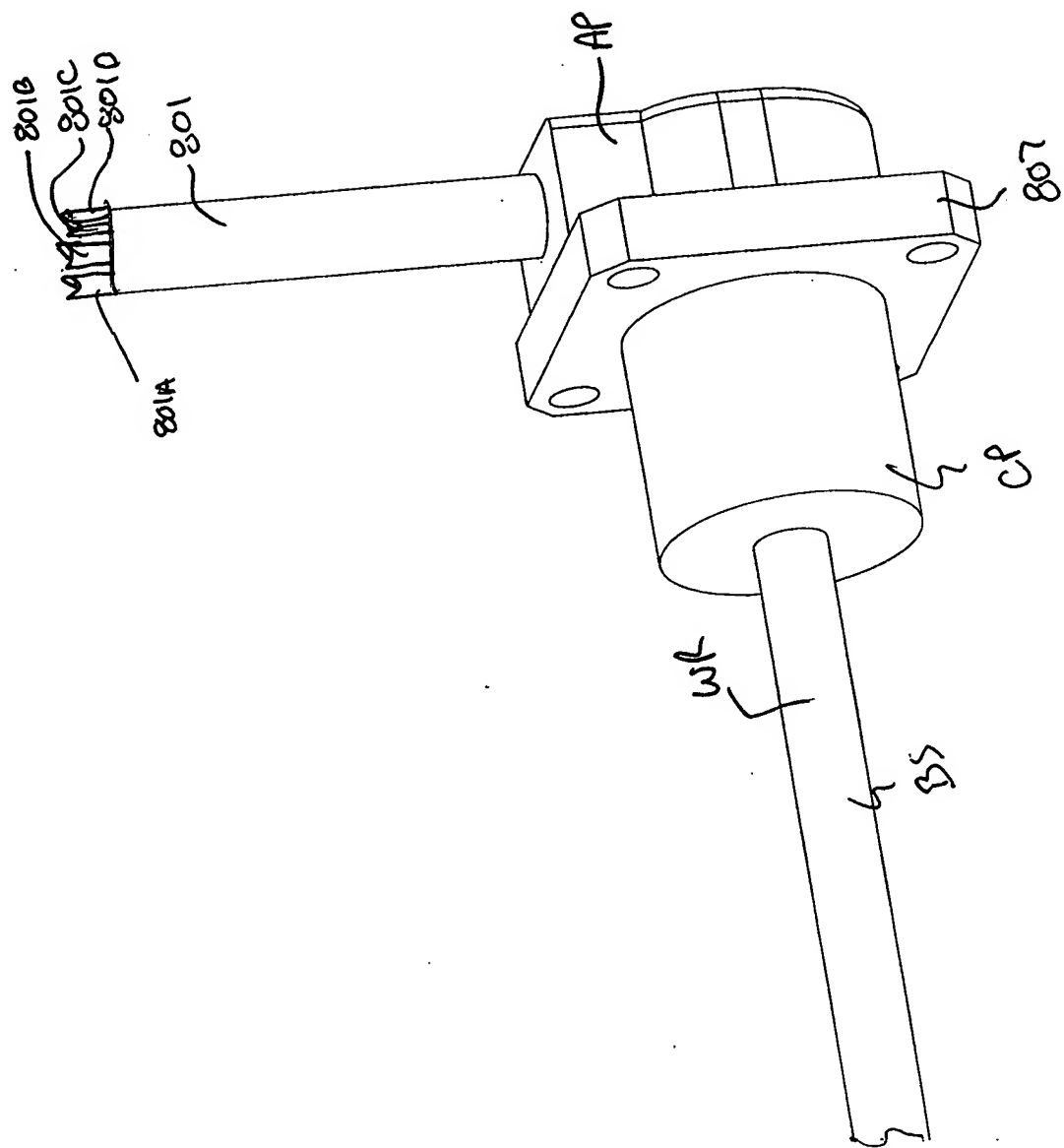
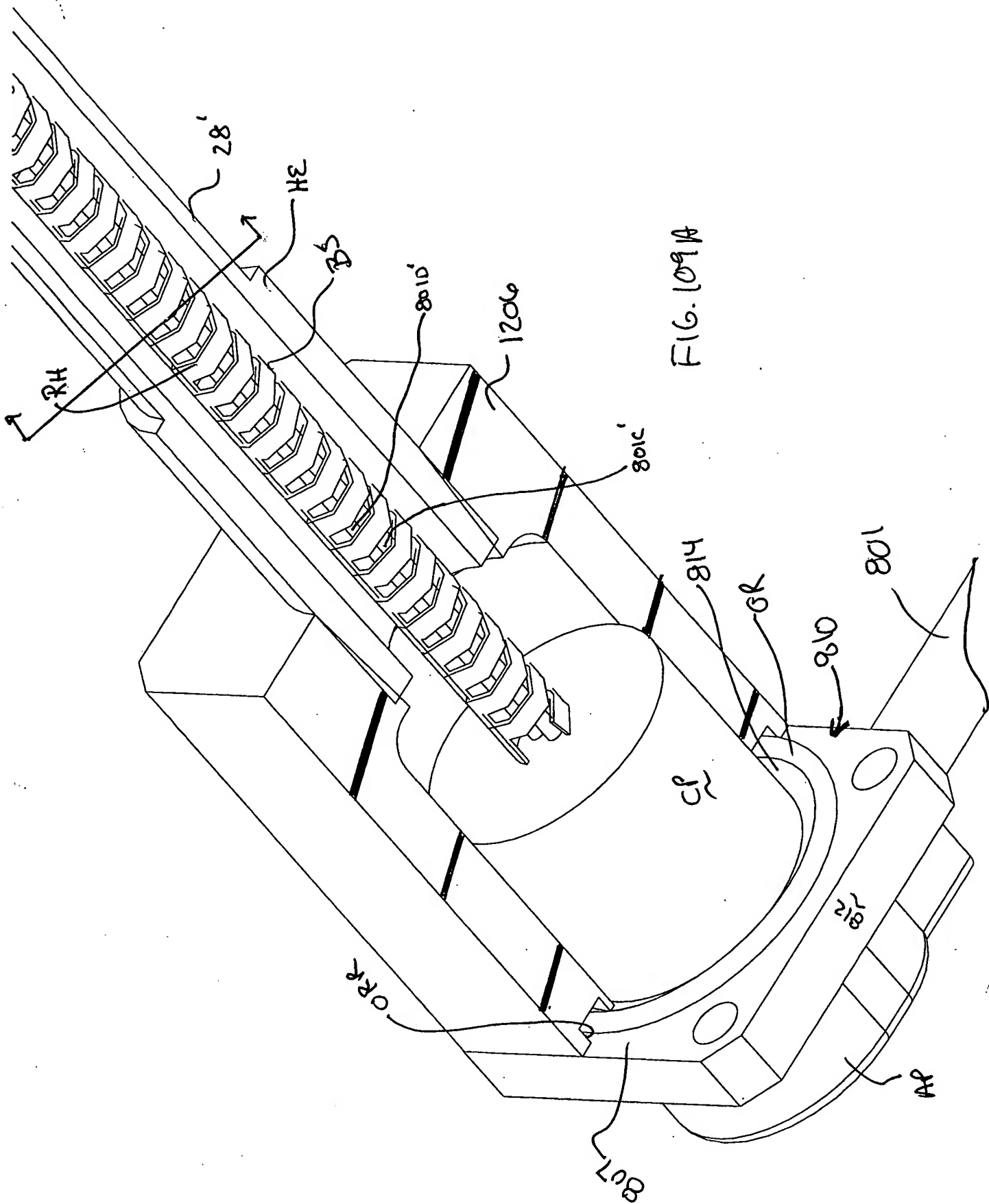
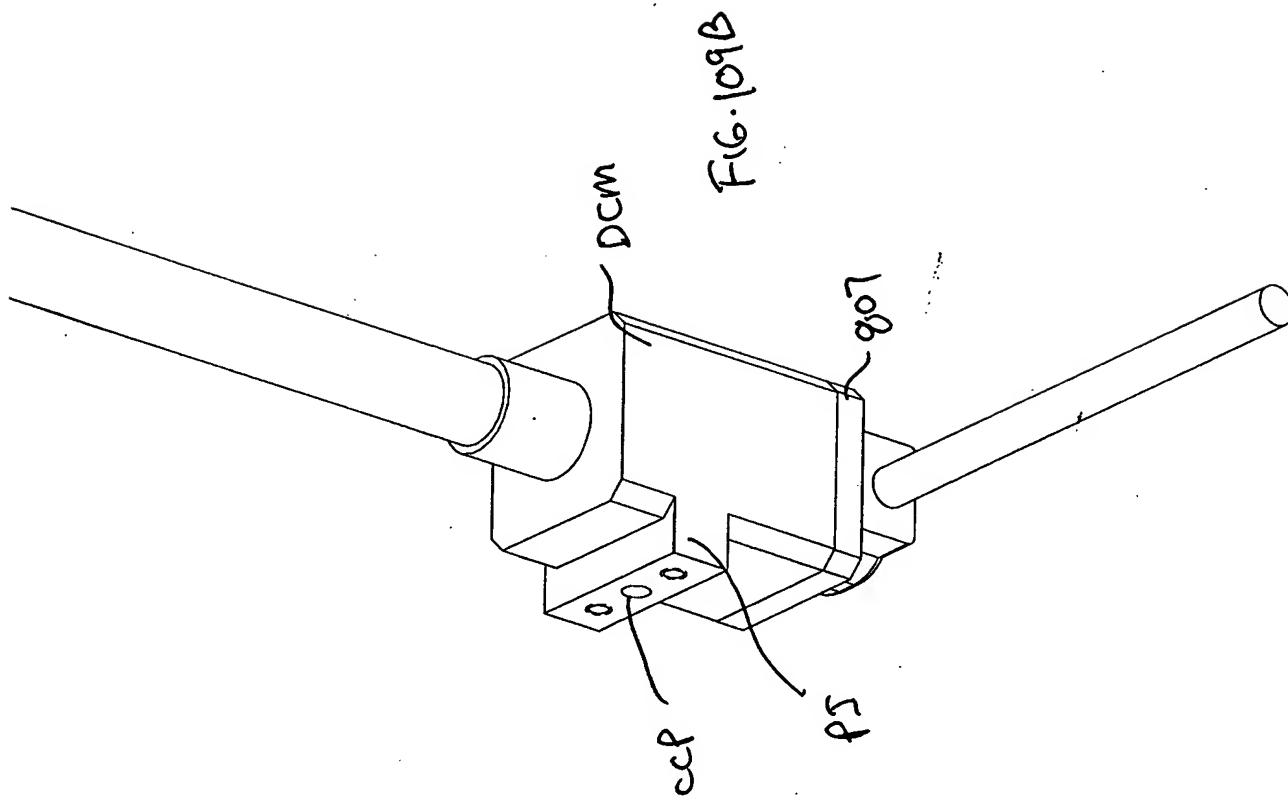
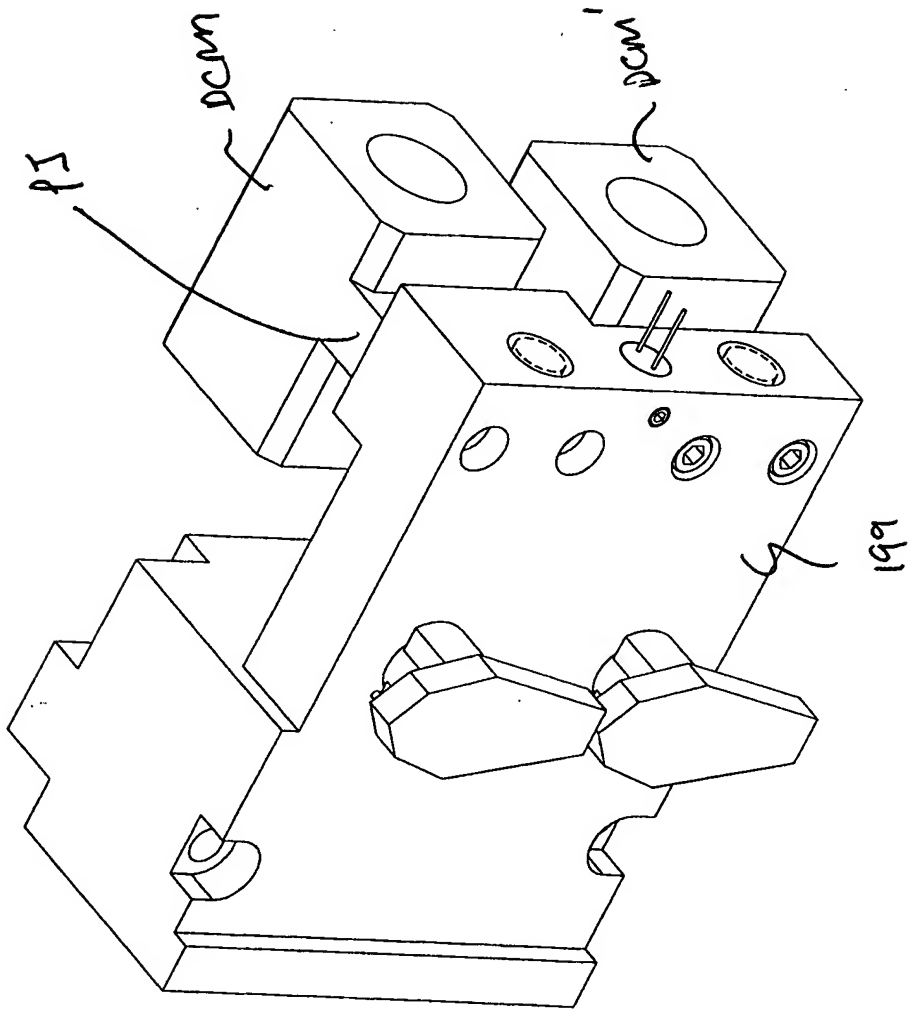


FIG. 109







109C

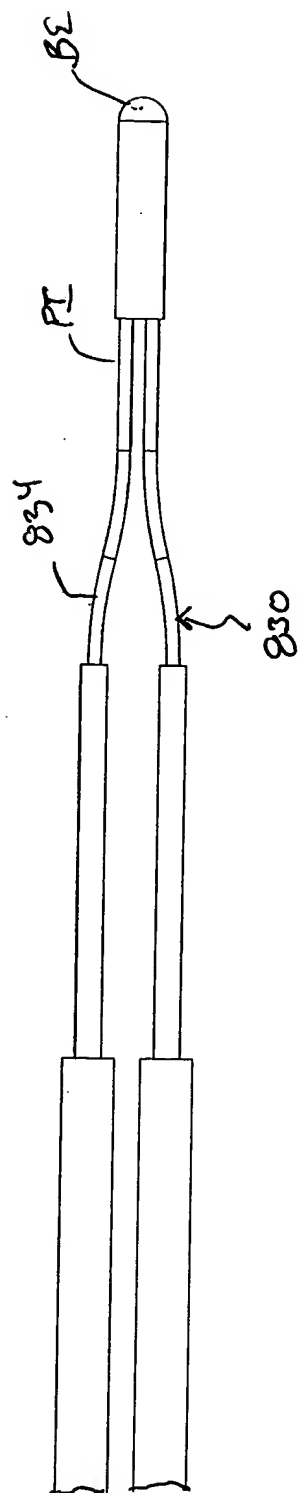


FIG. 110

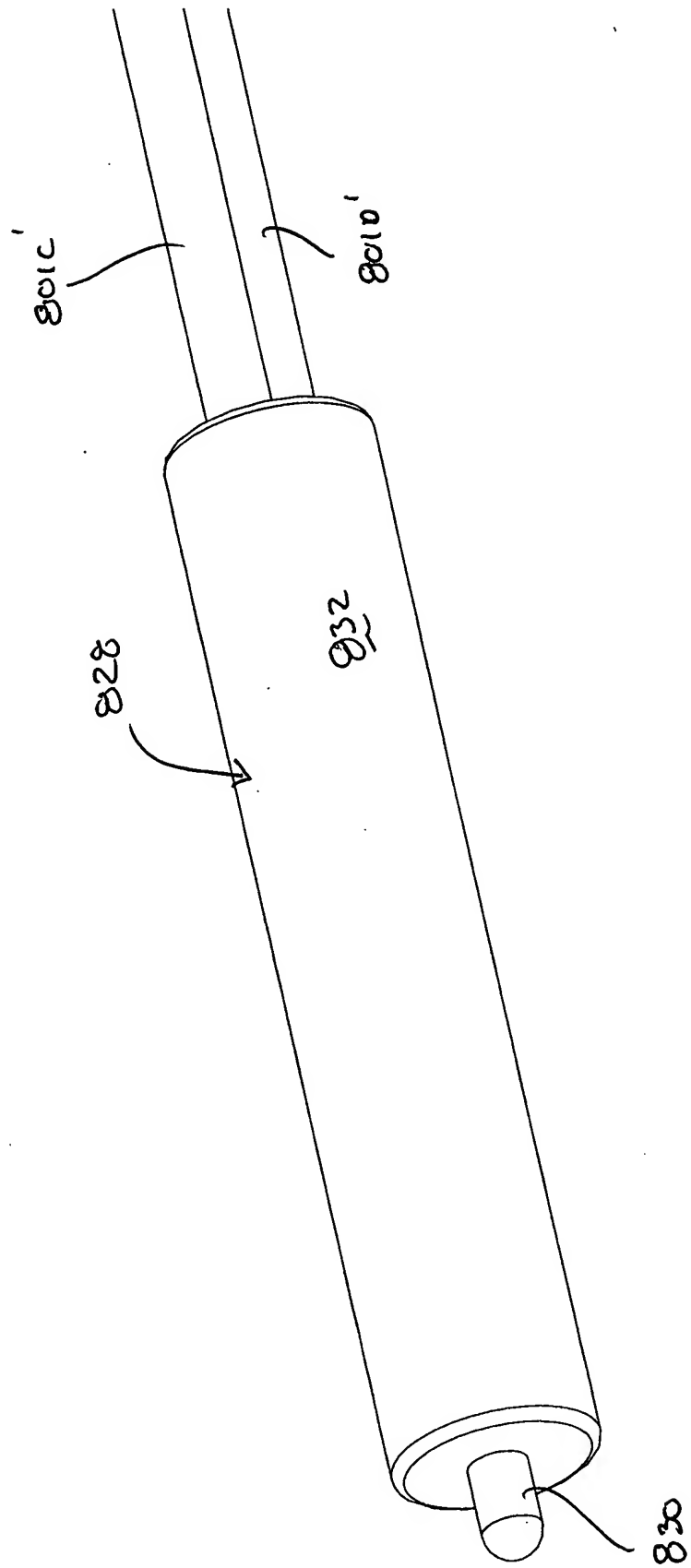


FIG. 110A

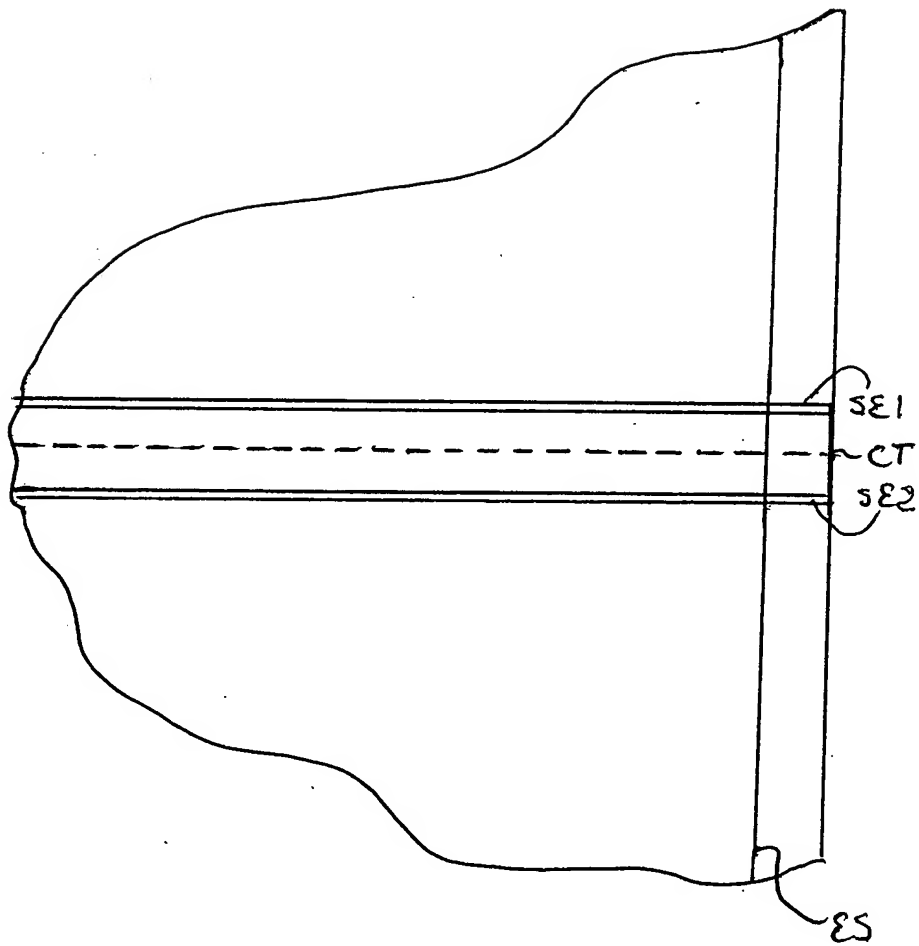


FIG. III



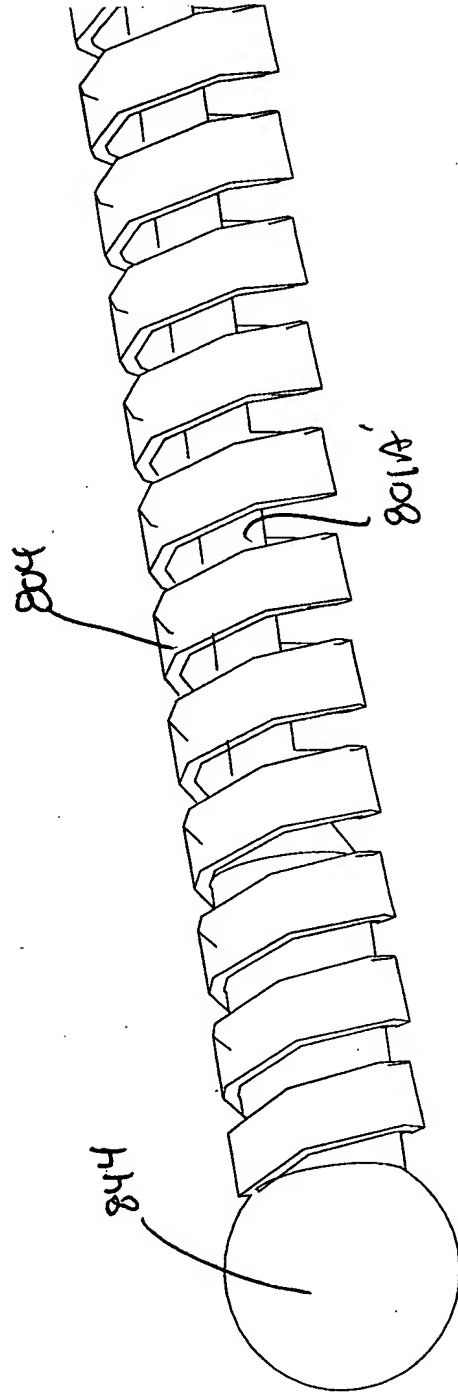


FIG. 112

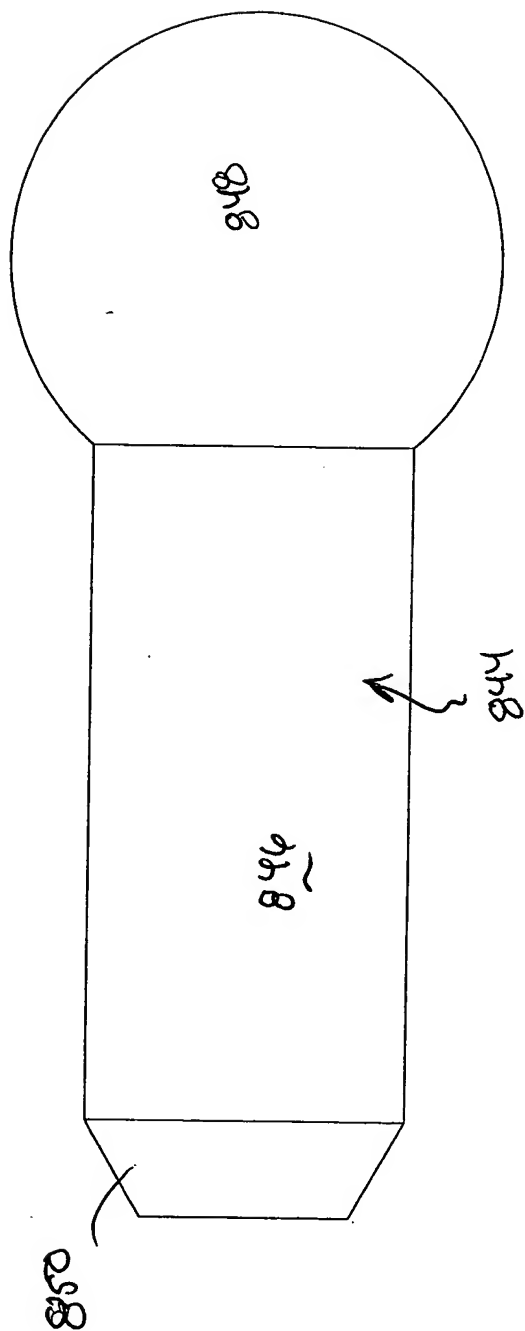


FIG. 113

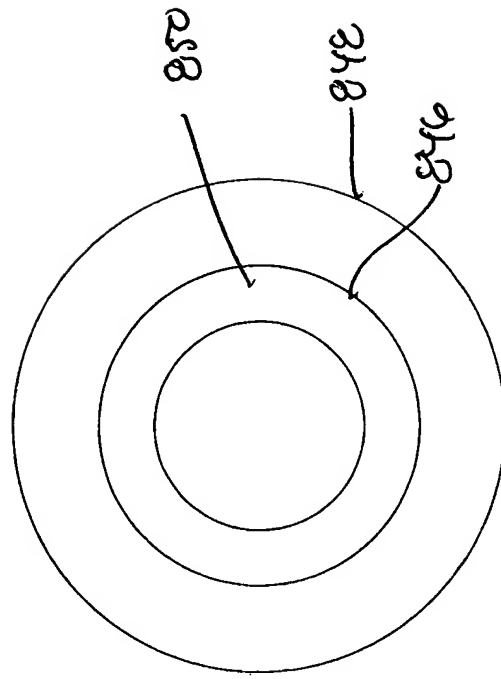


FIG. 113A

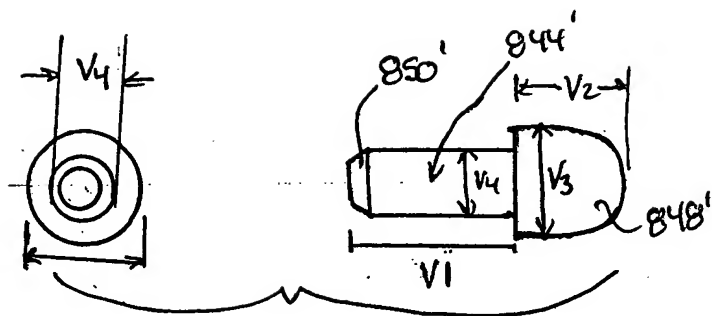
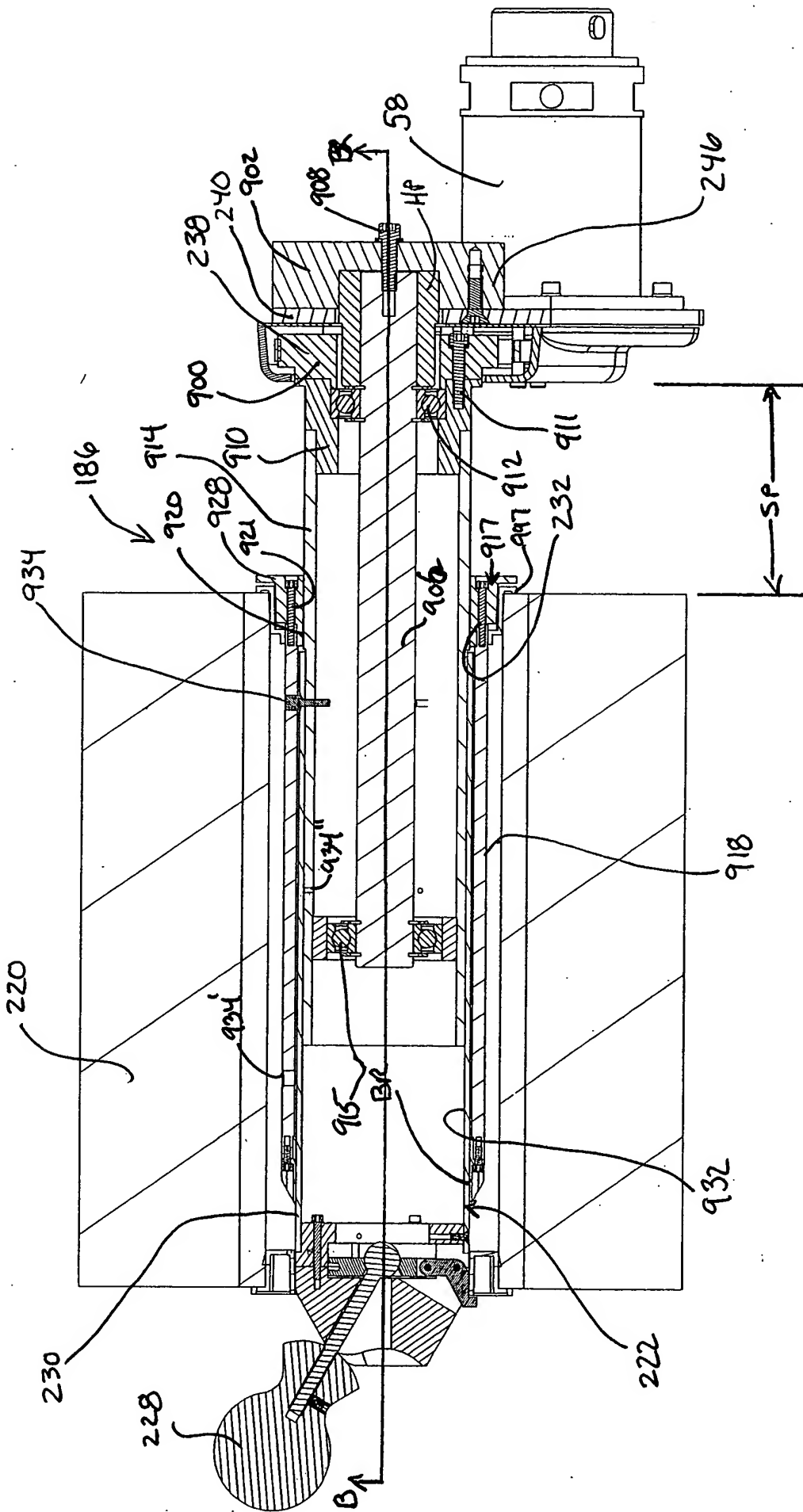
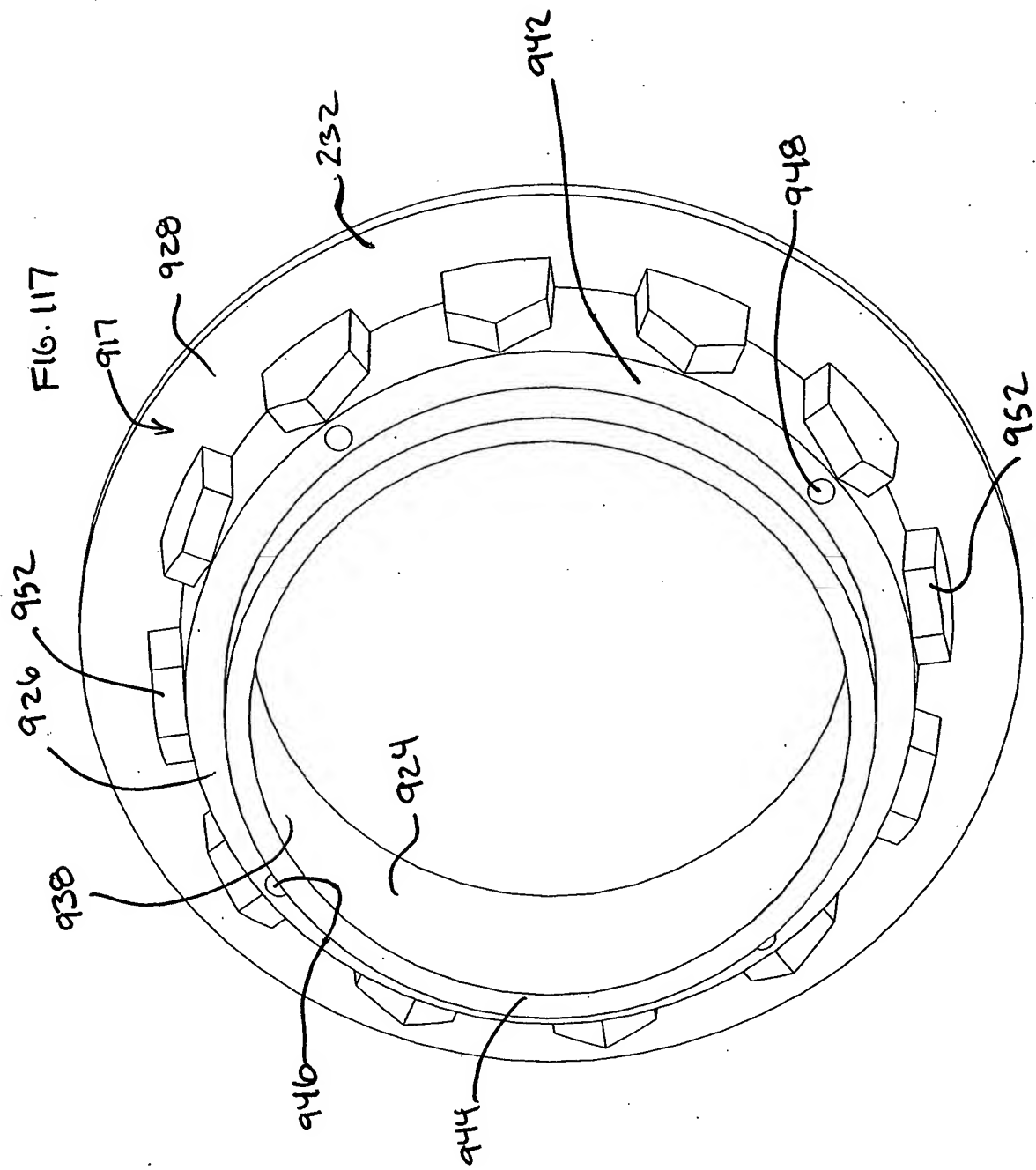


FIG. 114

FIG. 115







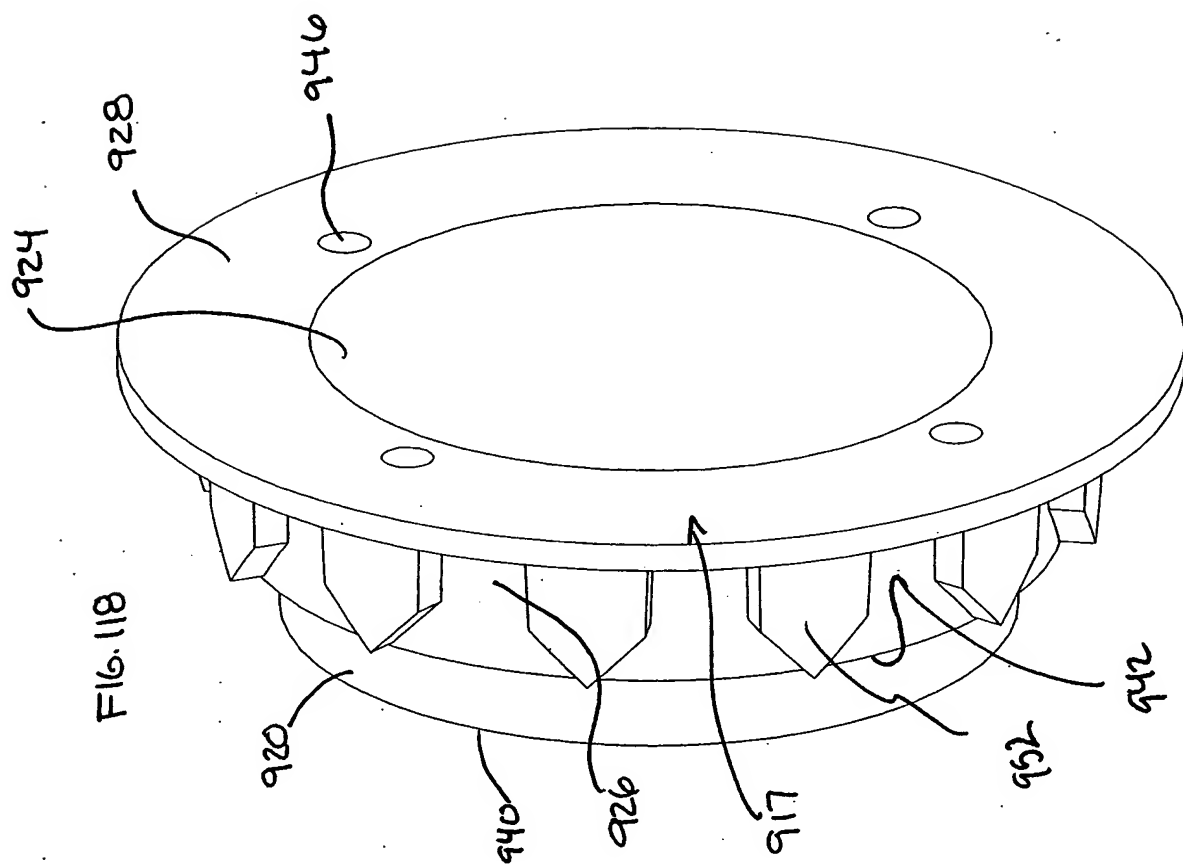
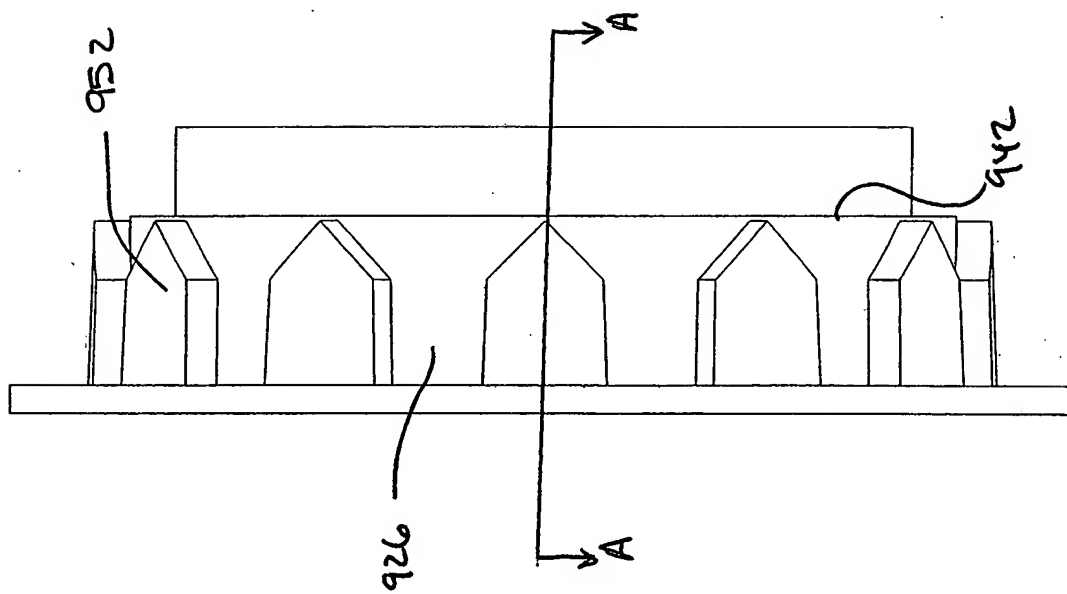


FIG. 11B



FIG. 119



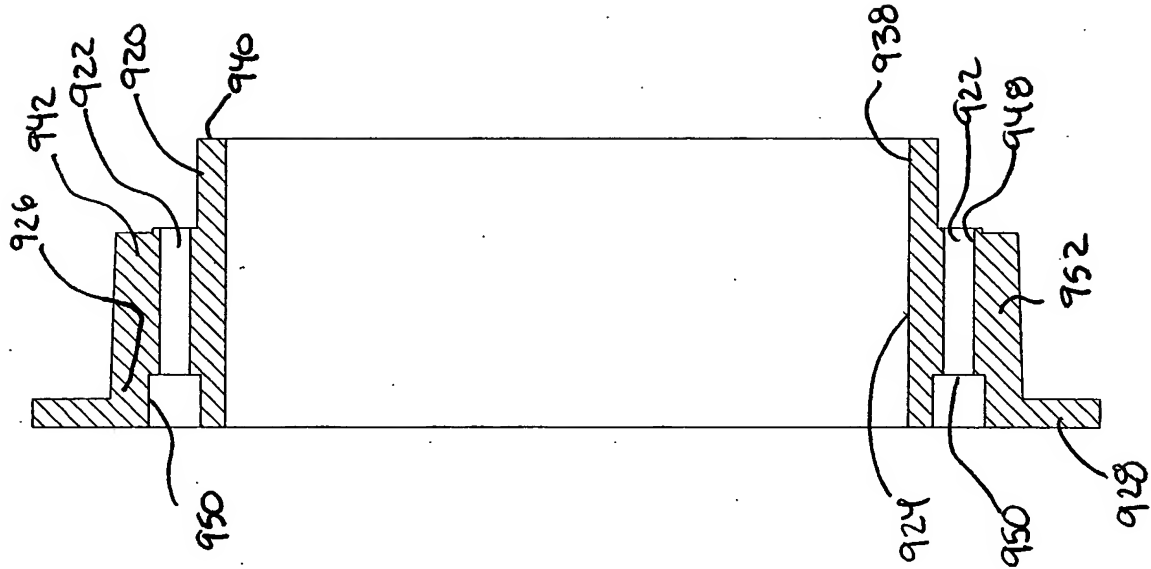
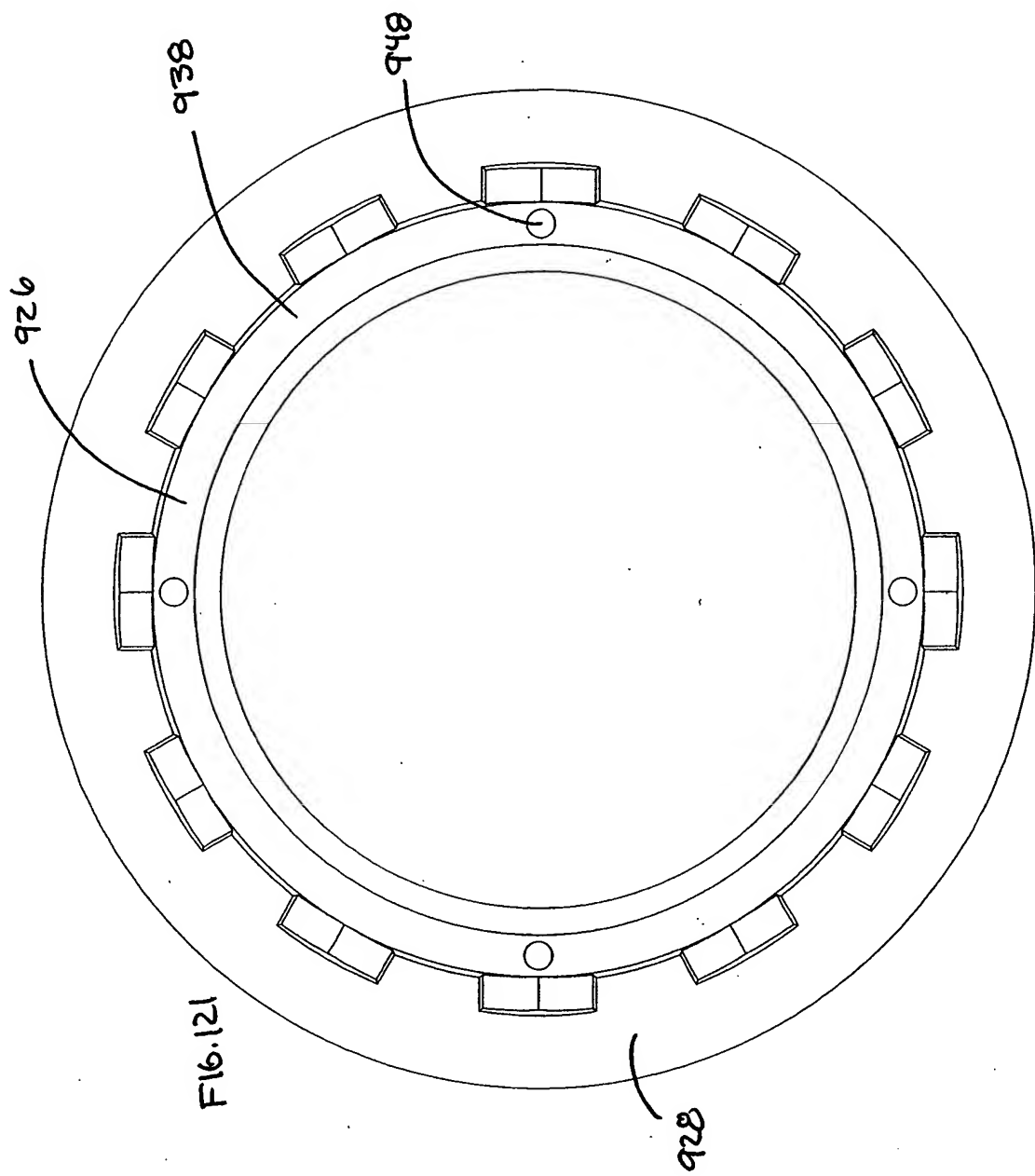


FIG. 120



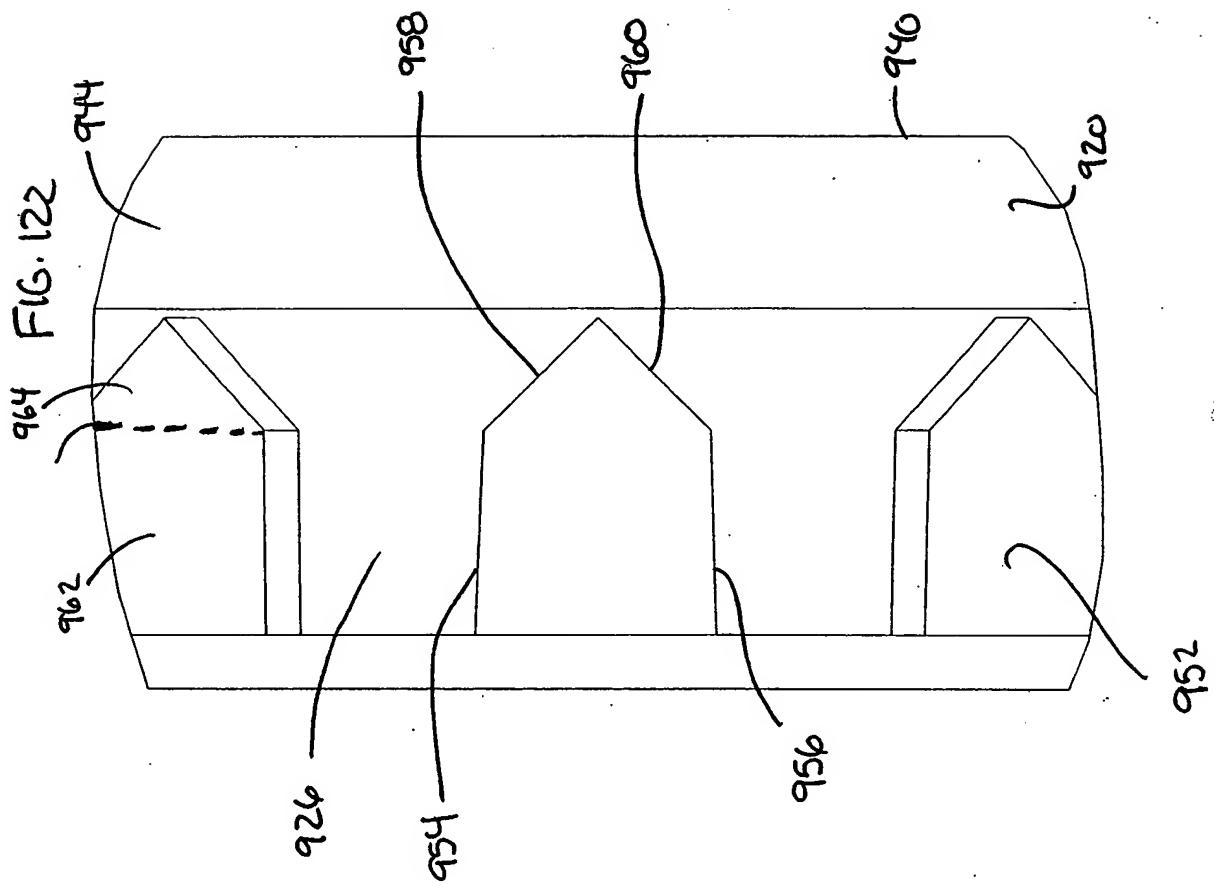
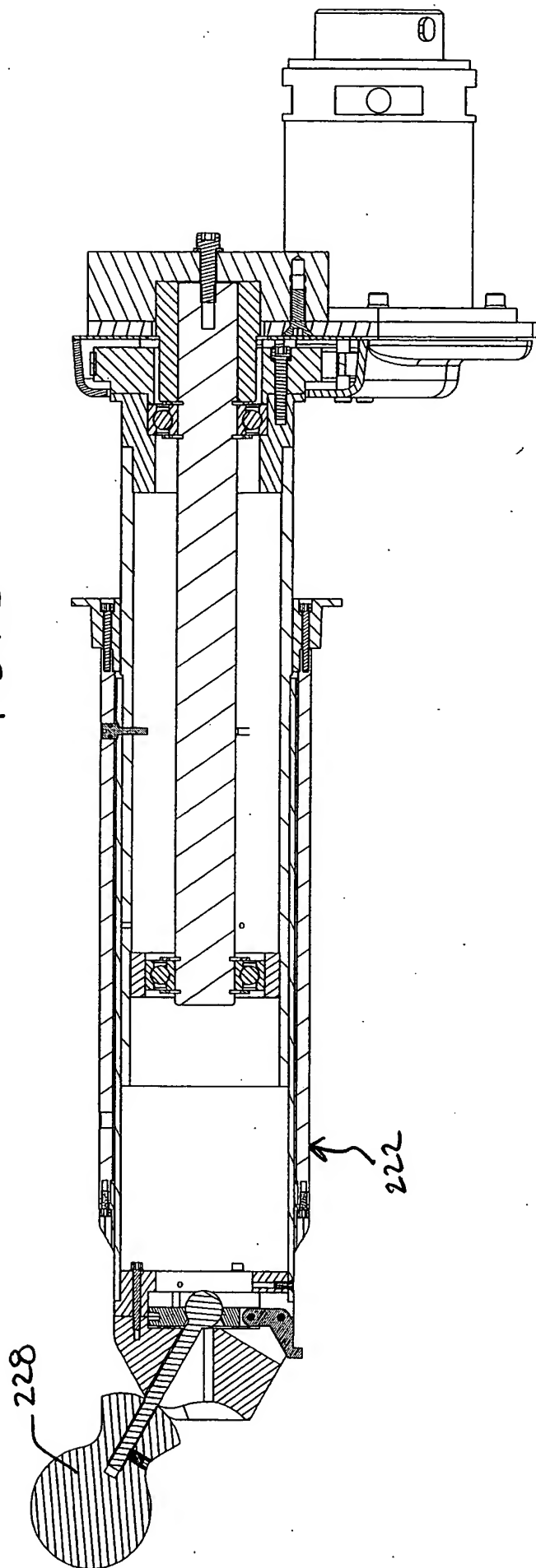


FIG. 123



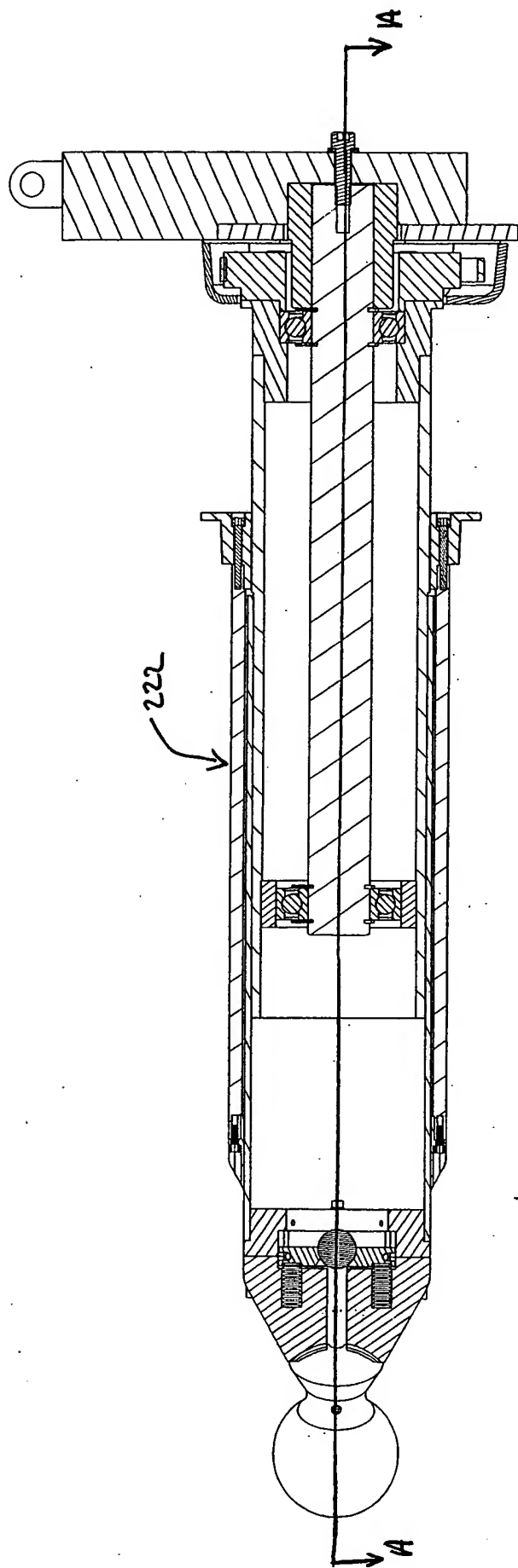


FIG. 124

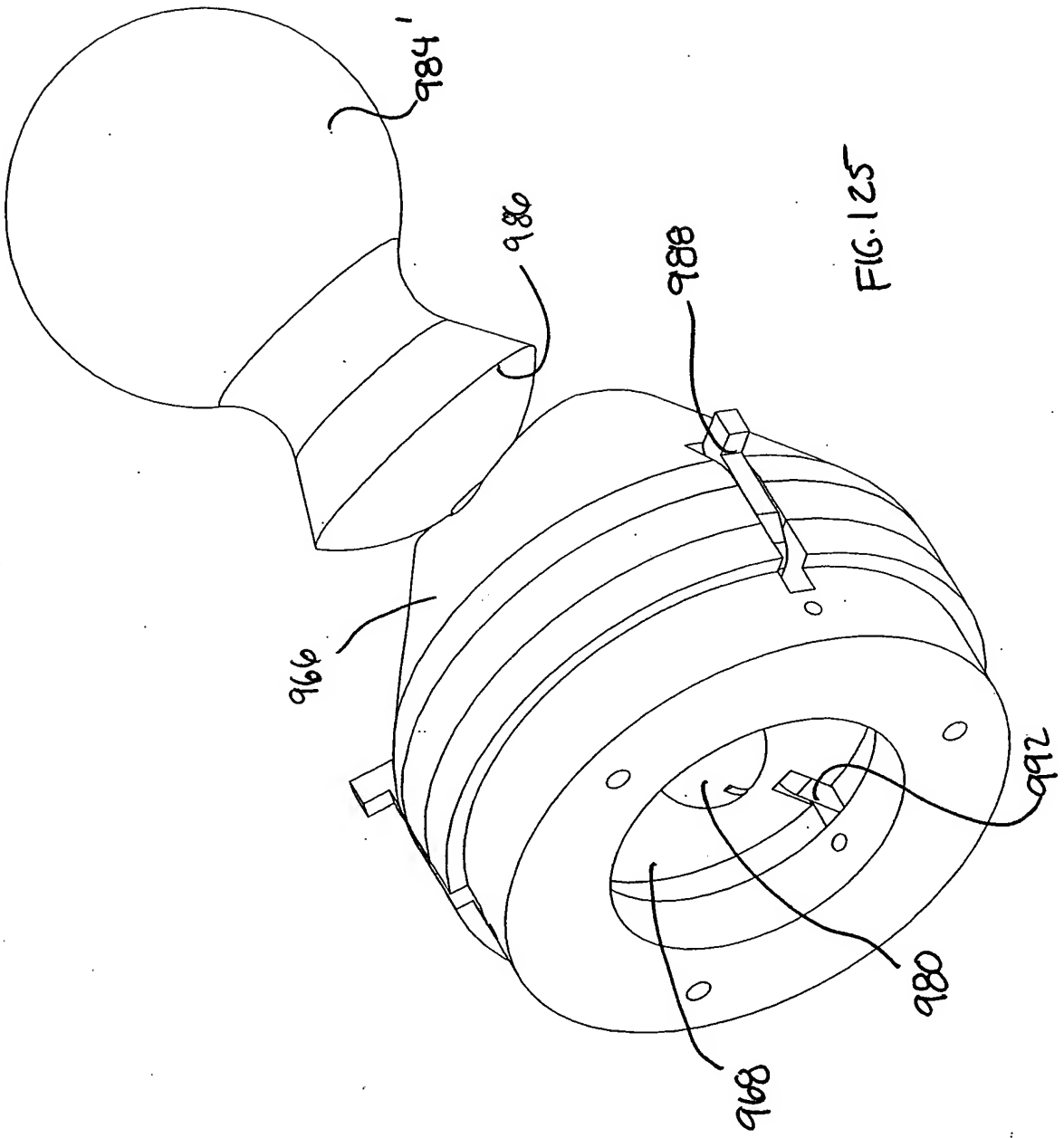


FIG. 125

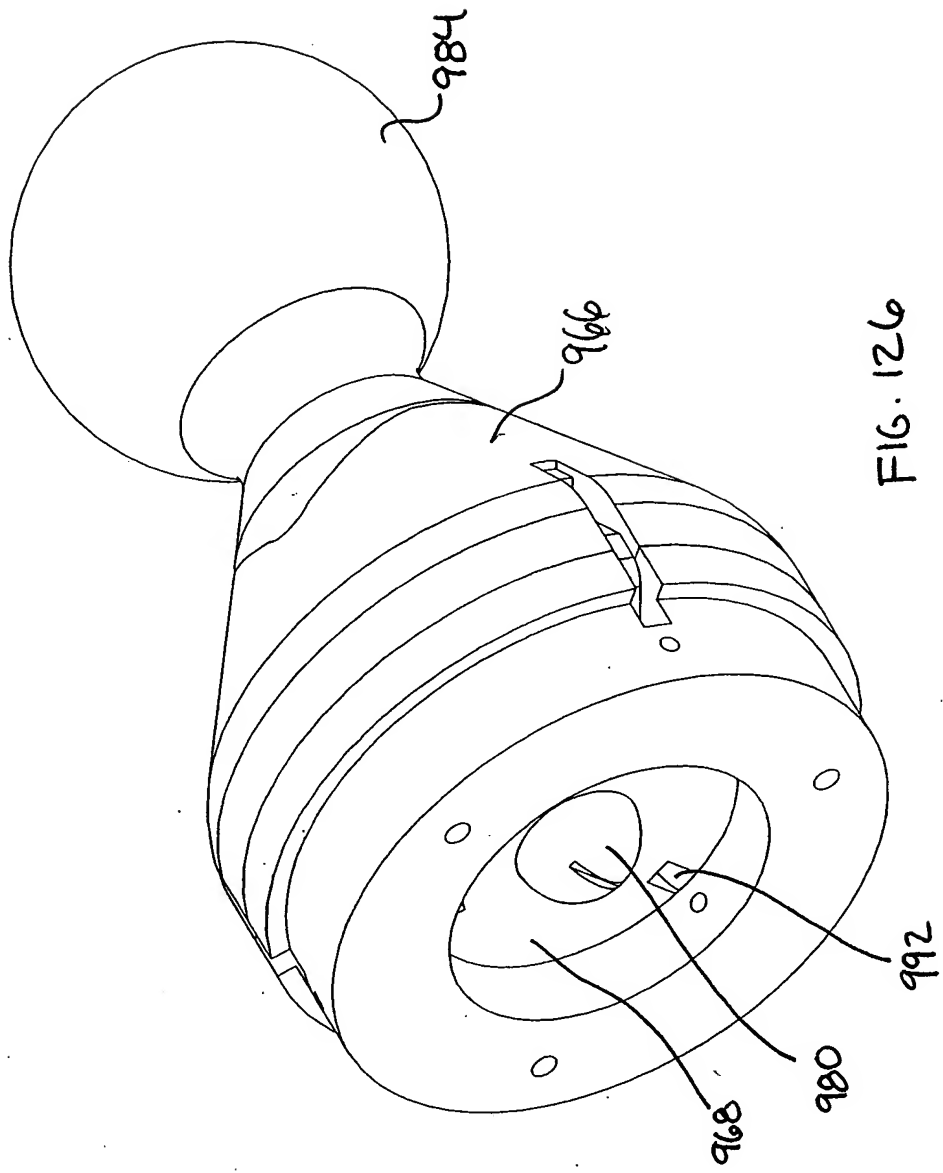


FIG. 126



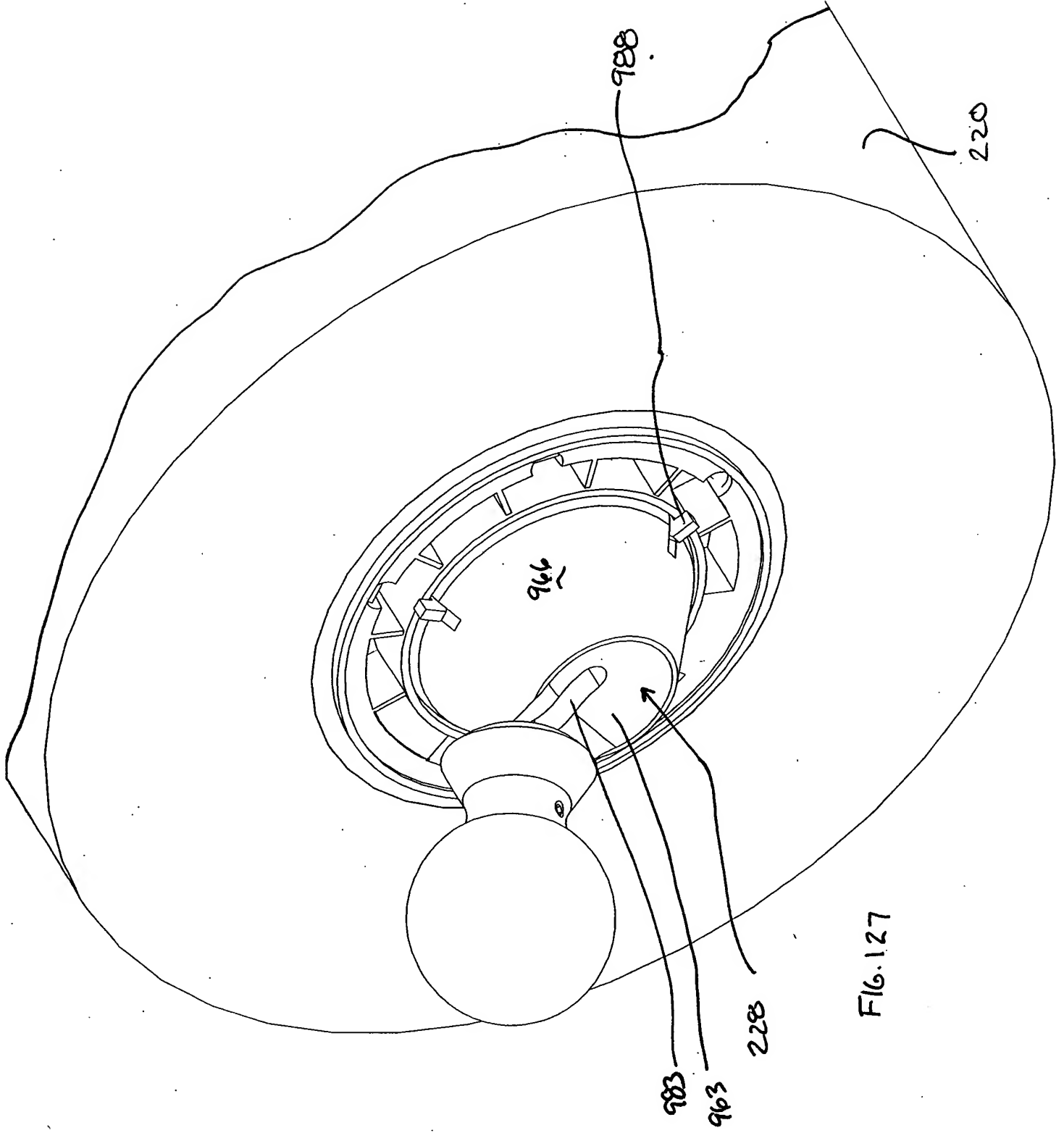
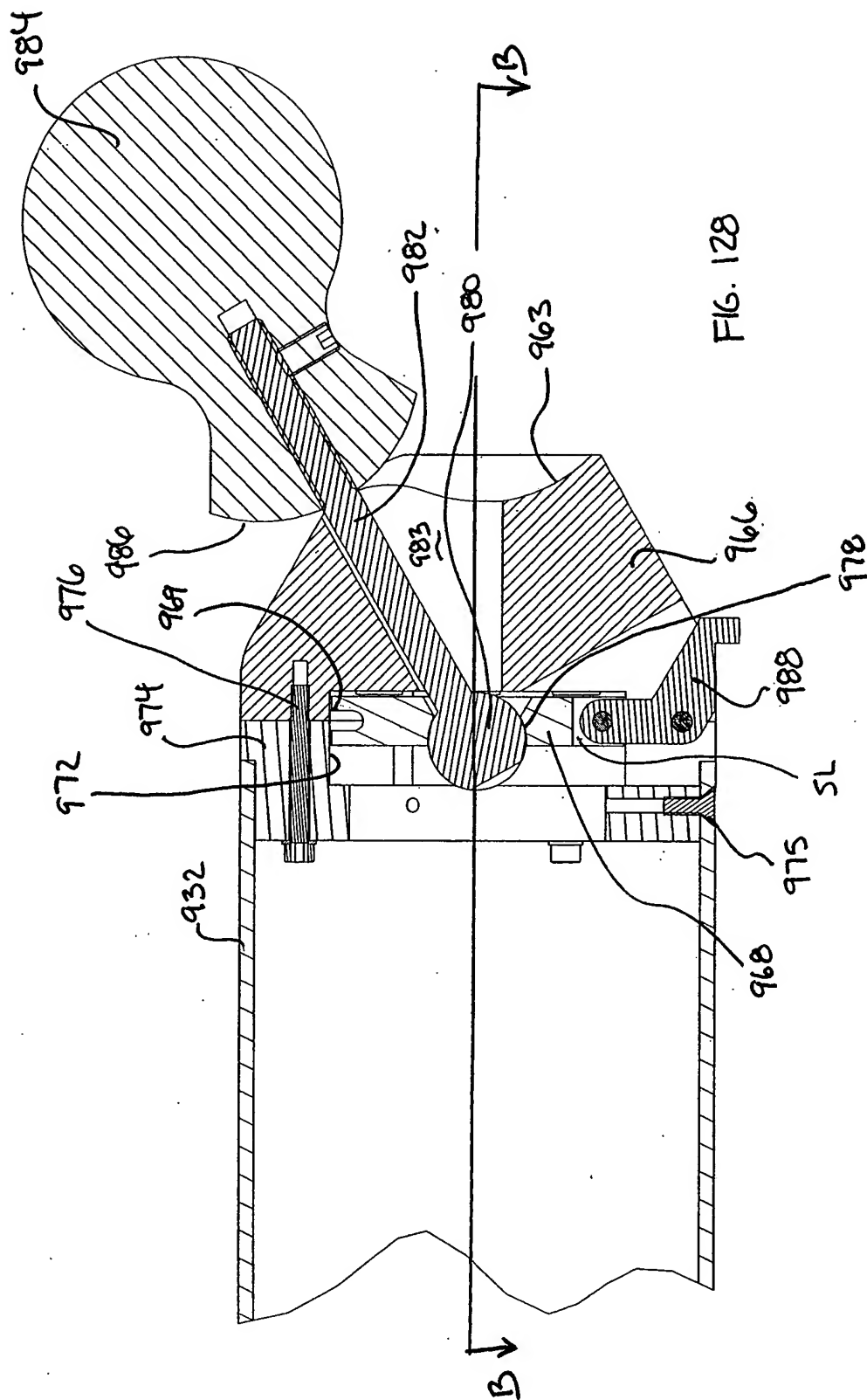
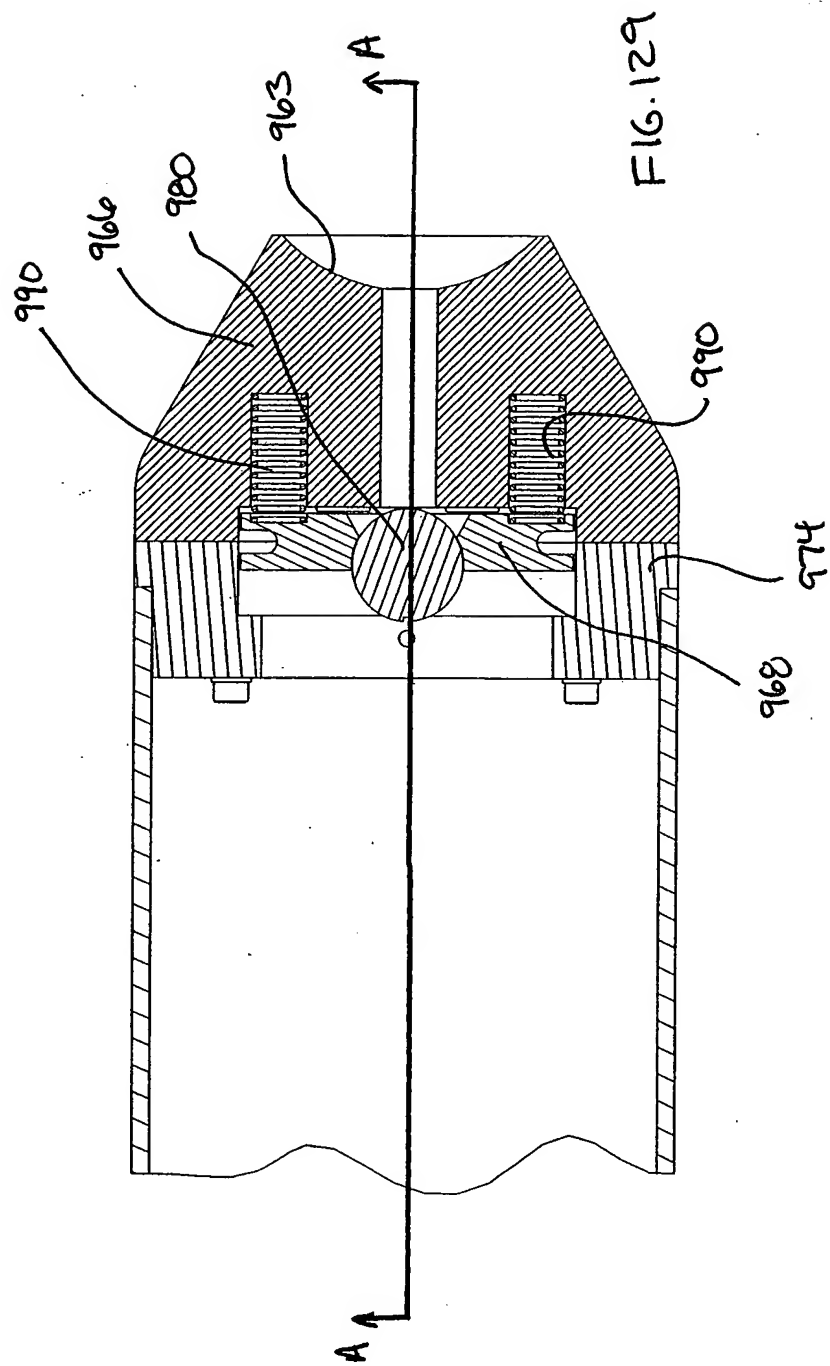


FIG. 127





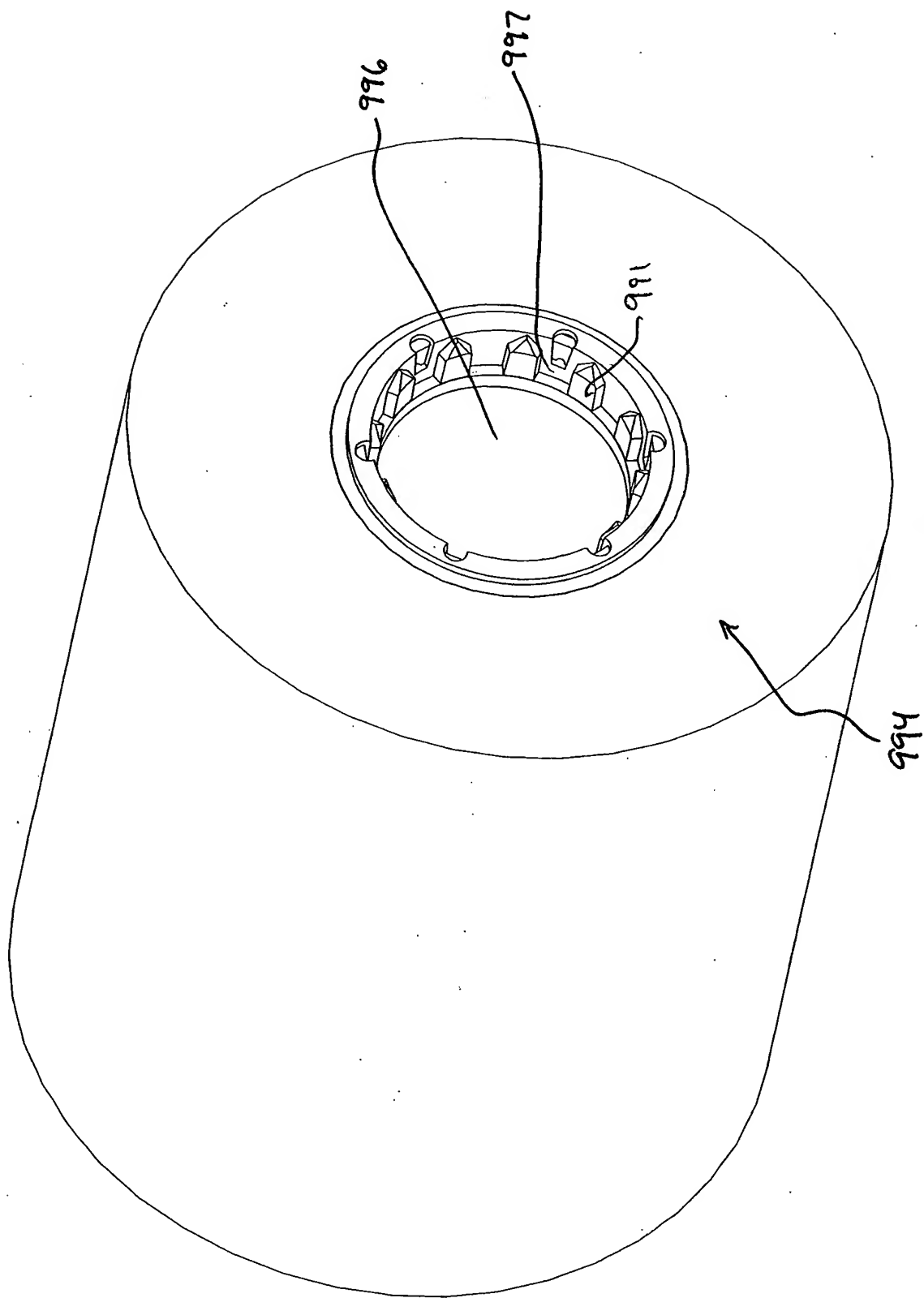
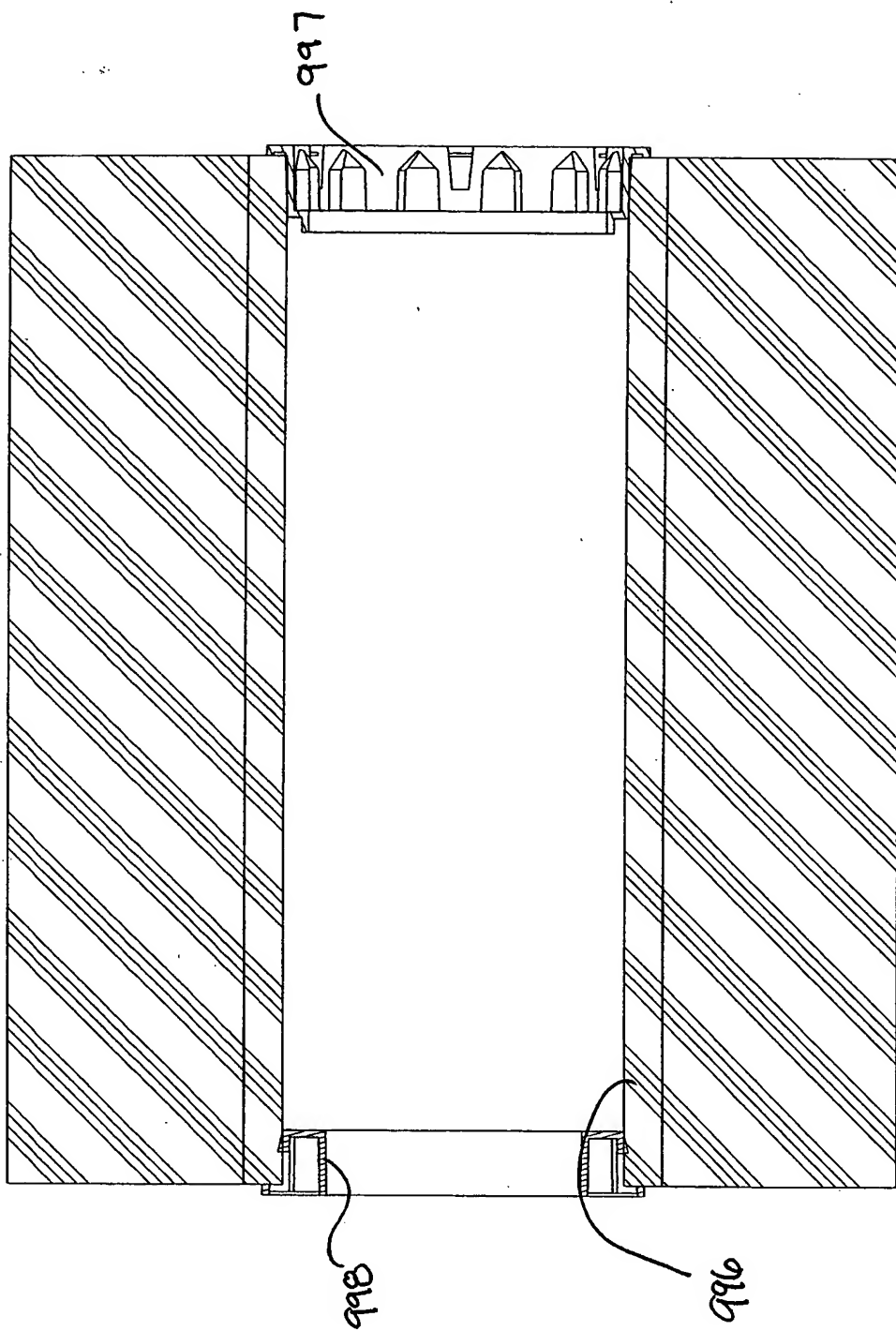
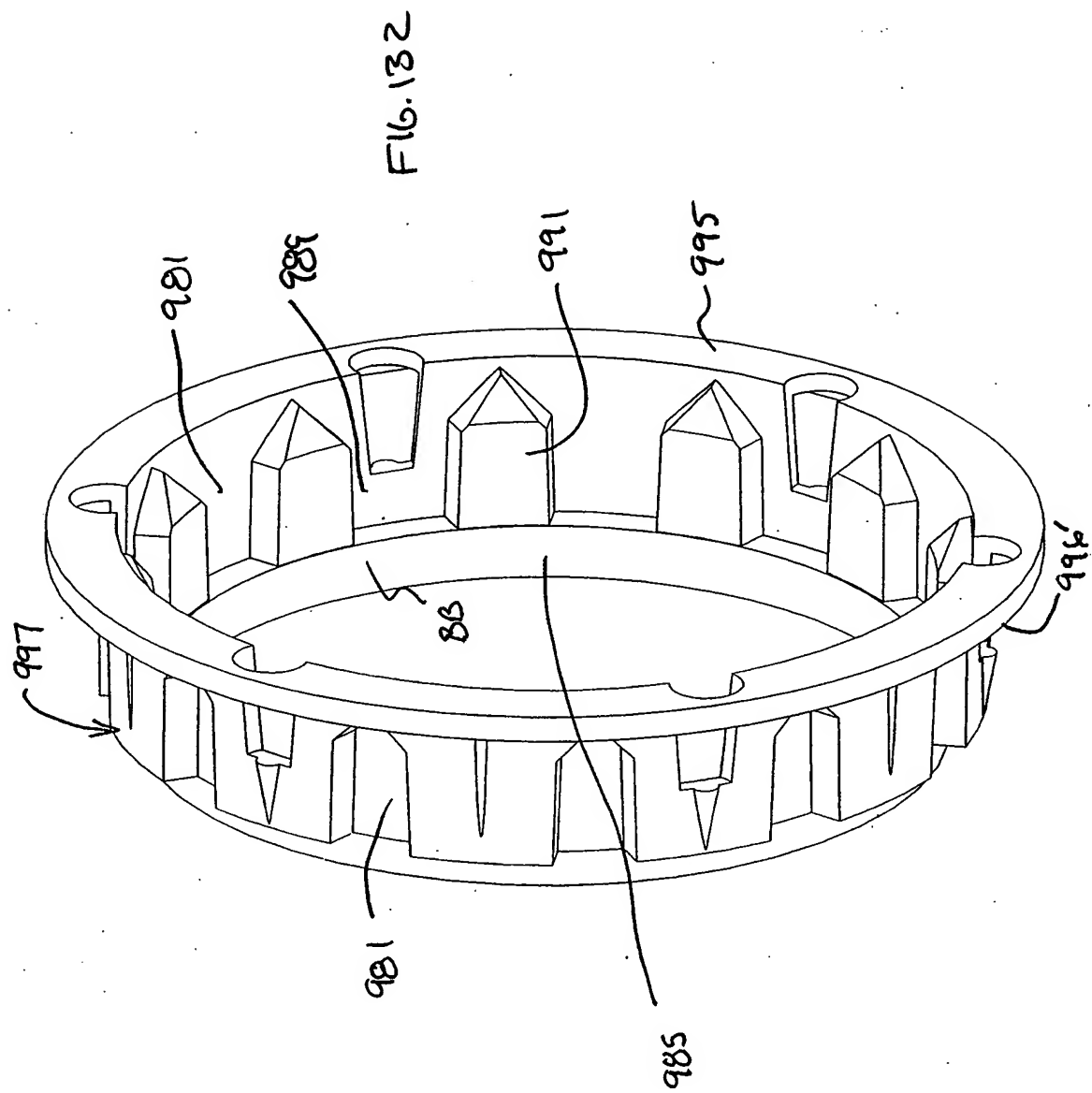


FIG. 130

FIG. 13





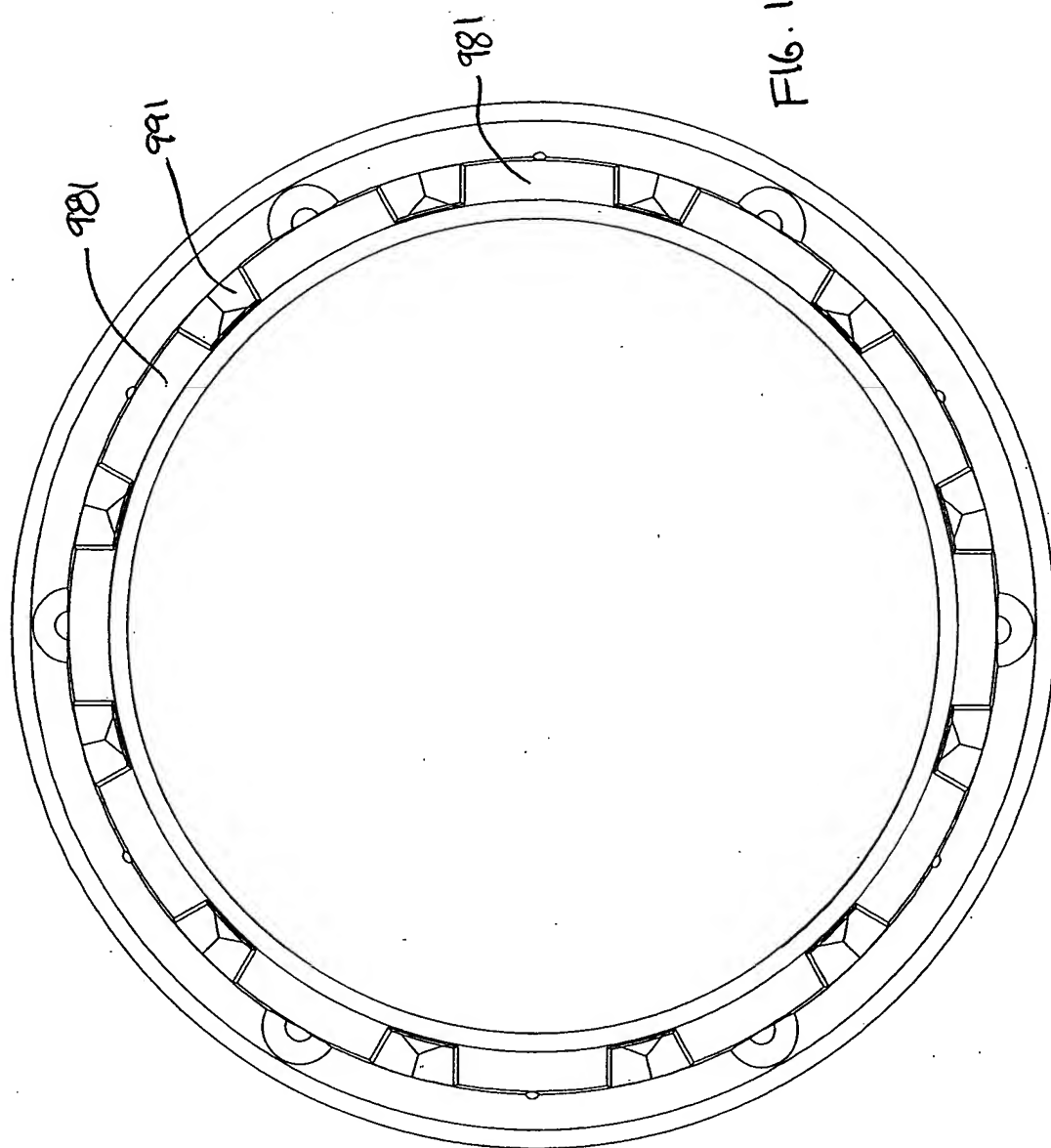
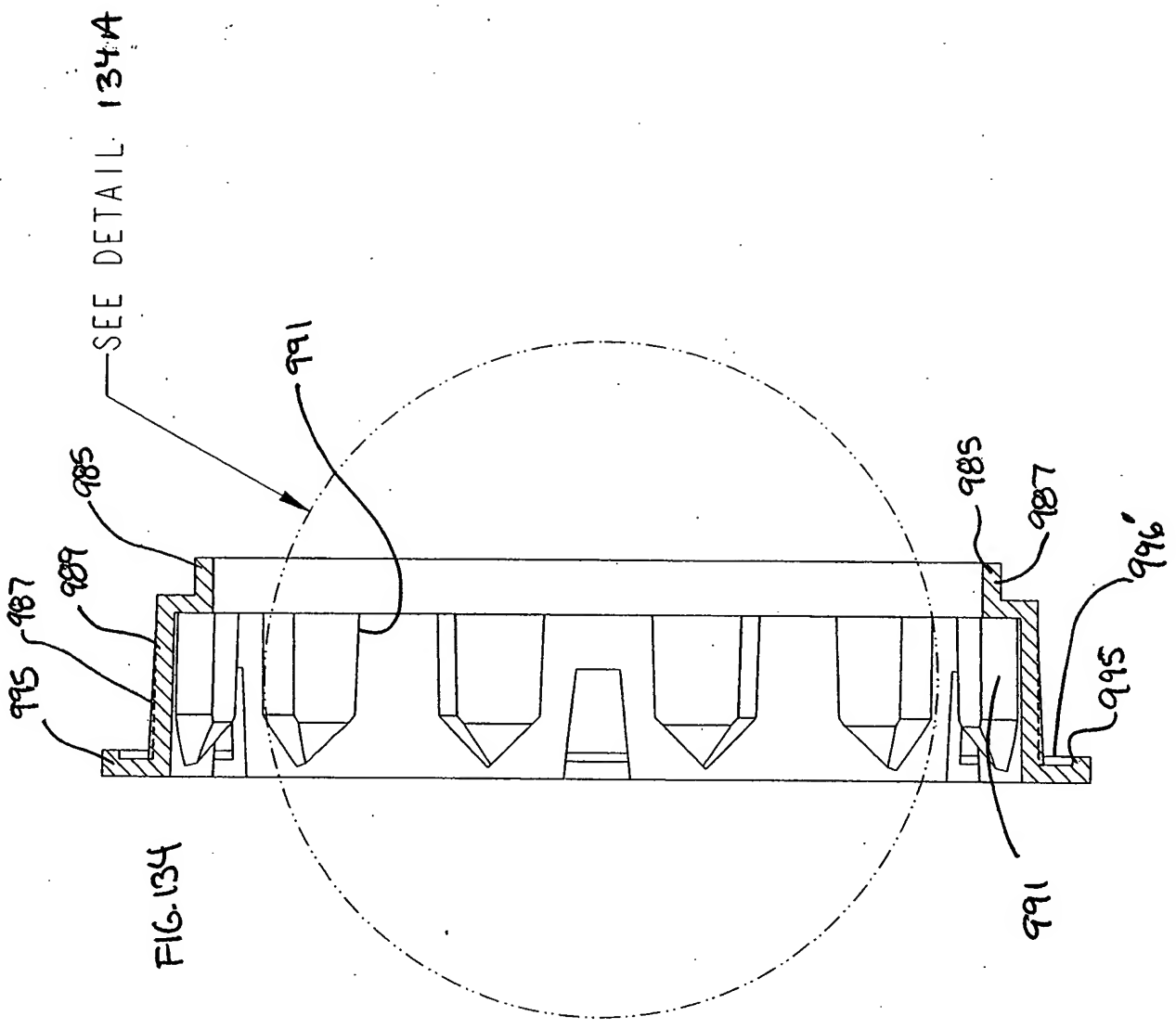


FIG. 133





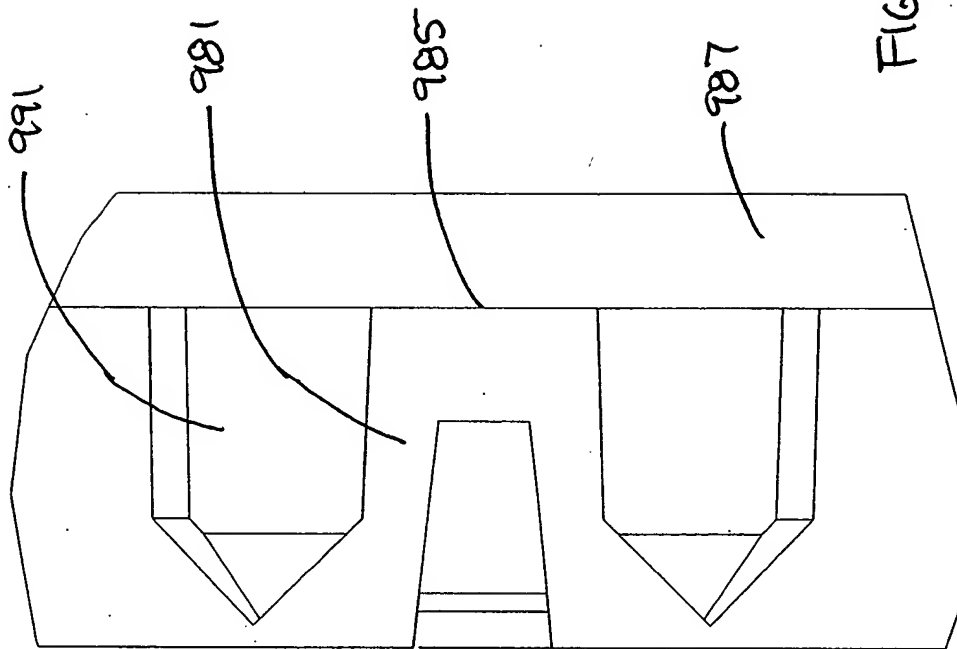


FIG. 134A

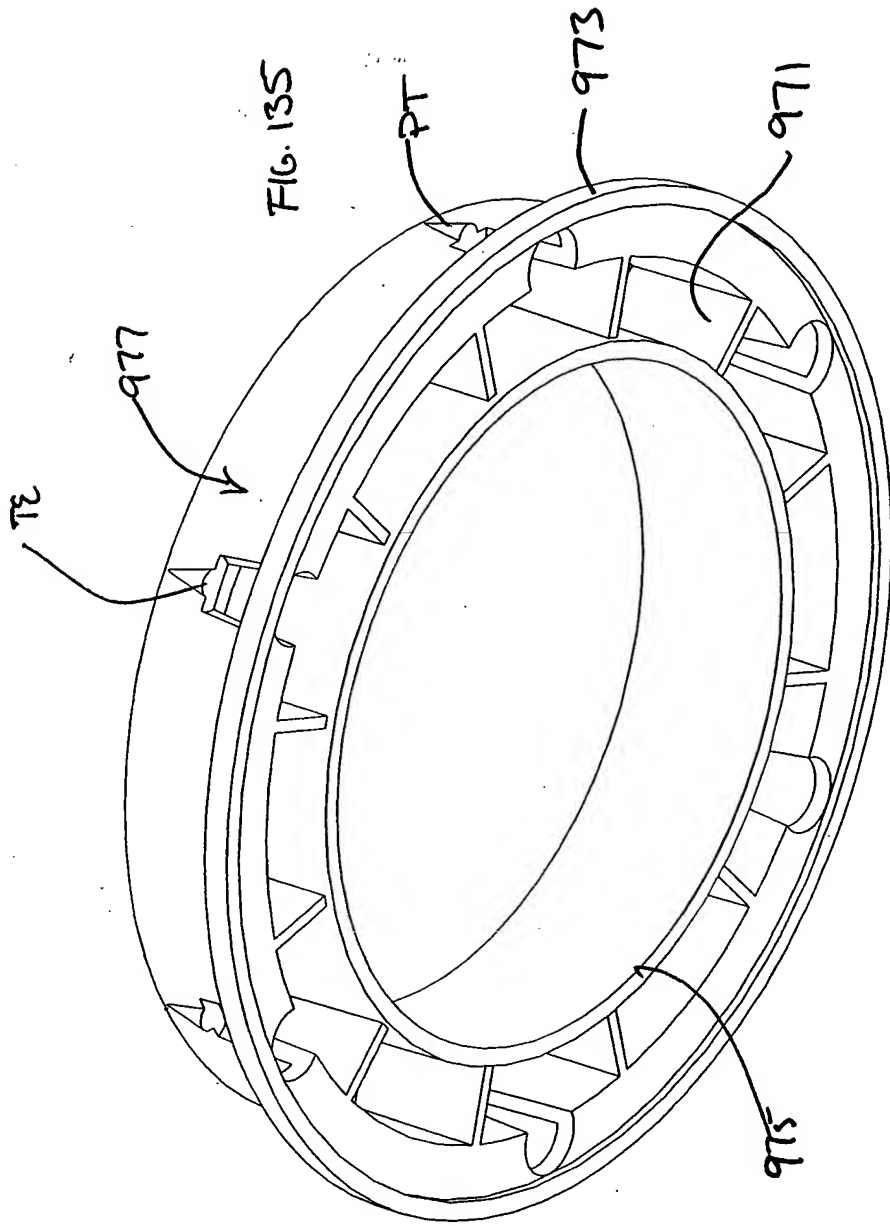


FIG. 135

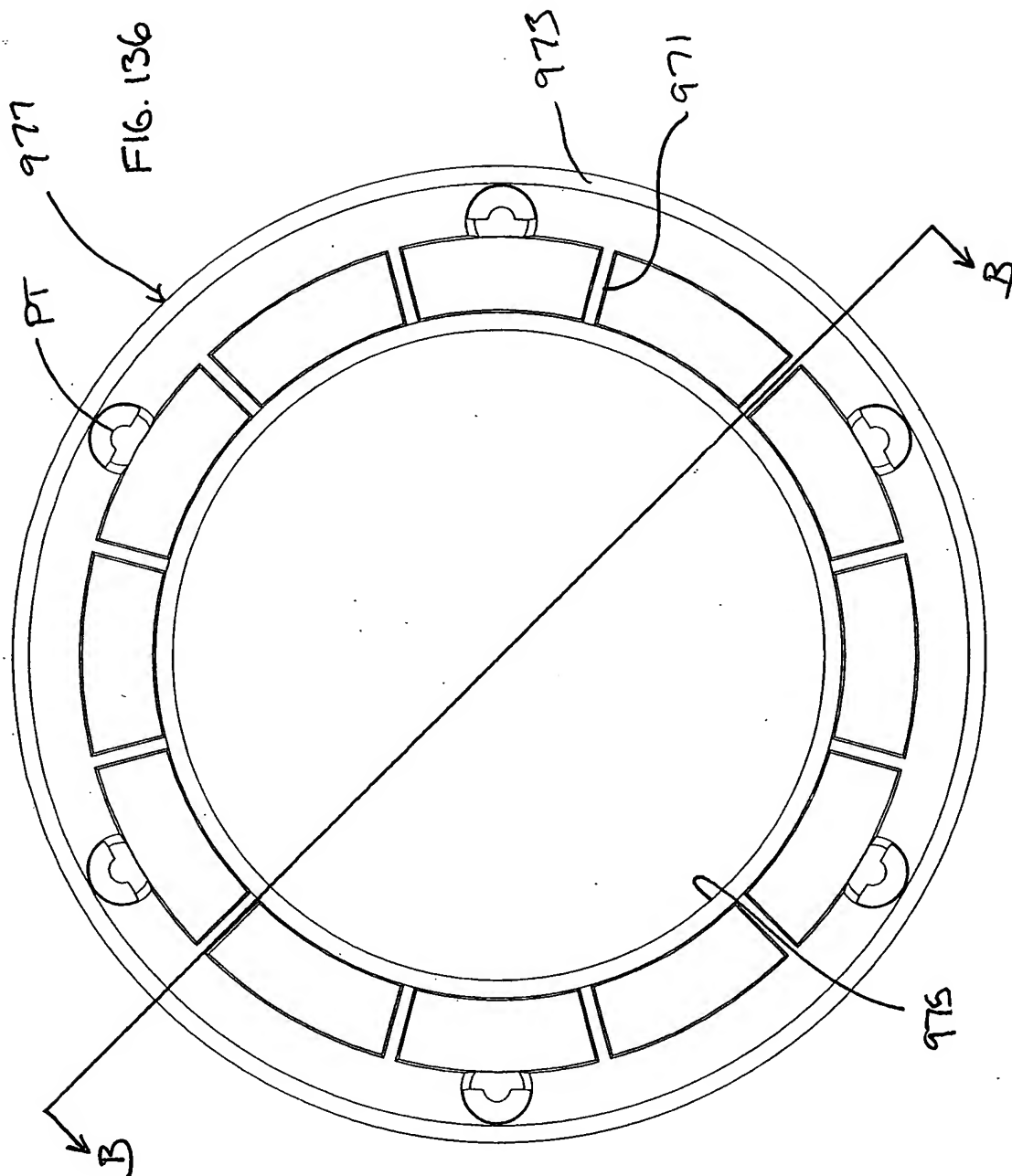
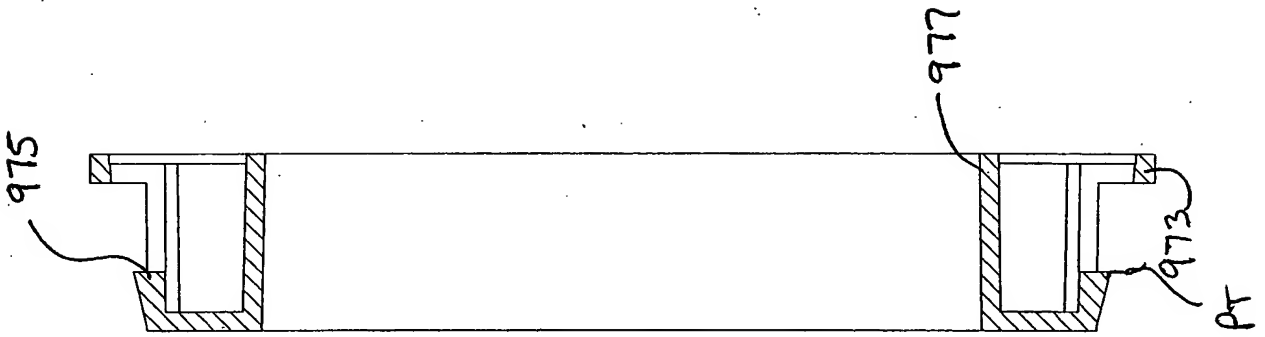
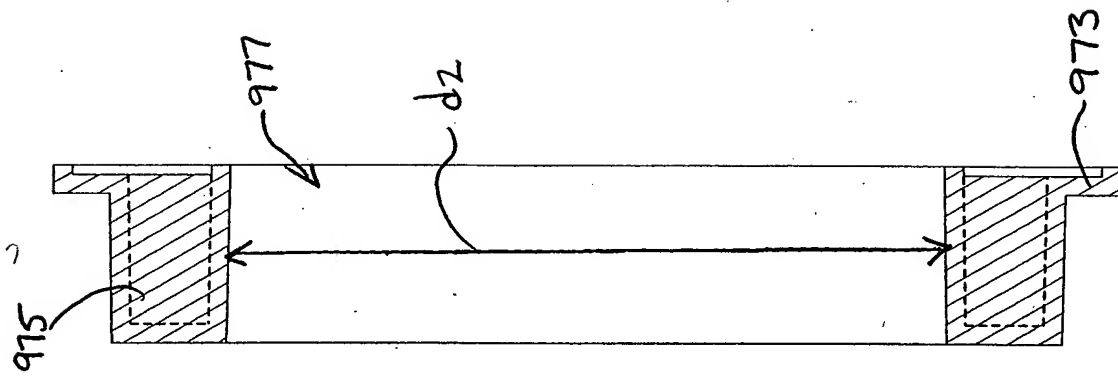
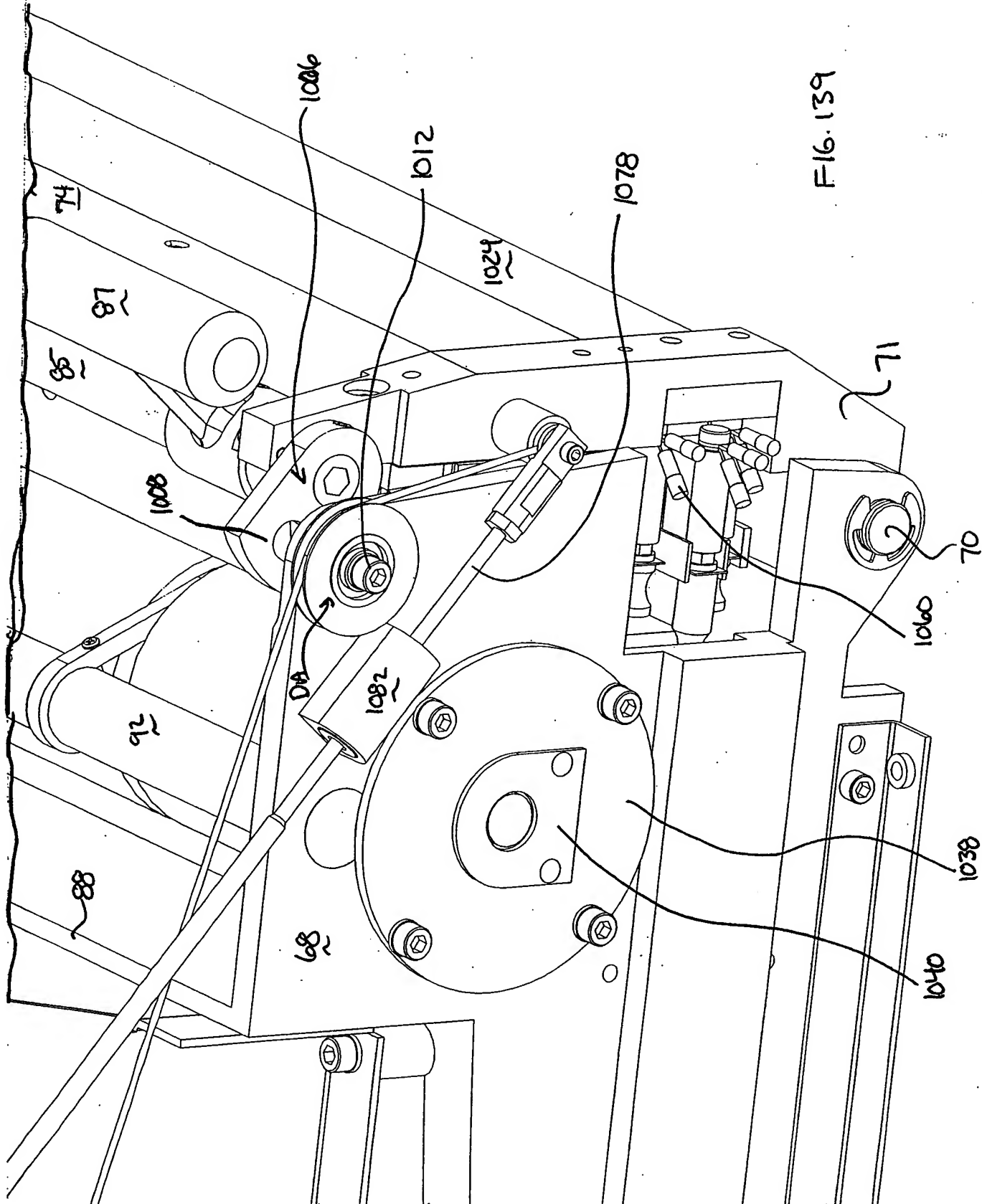


FIG. 137

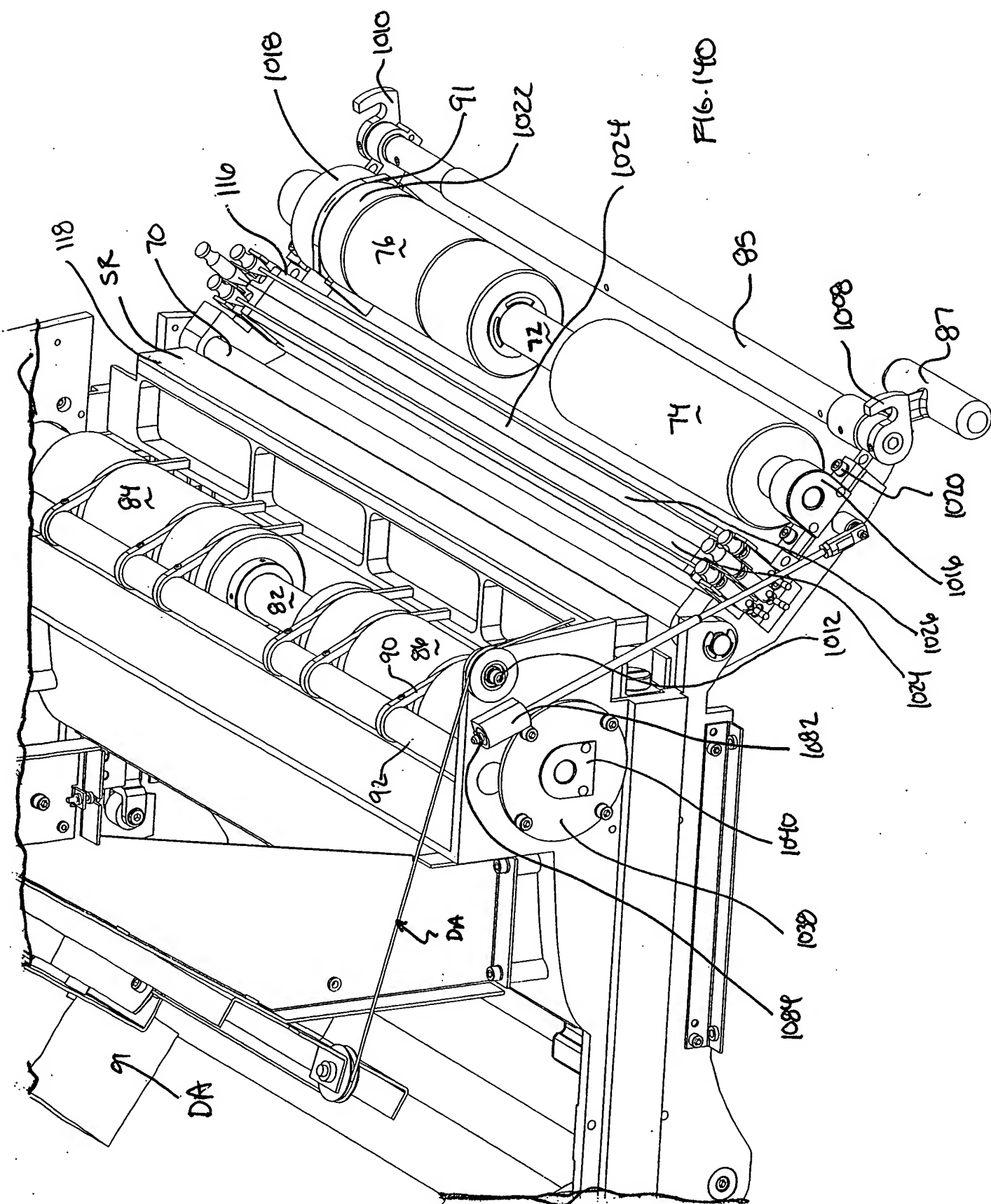


F16.138





F16.139



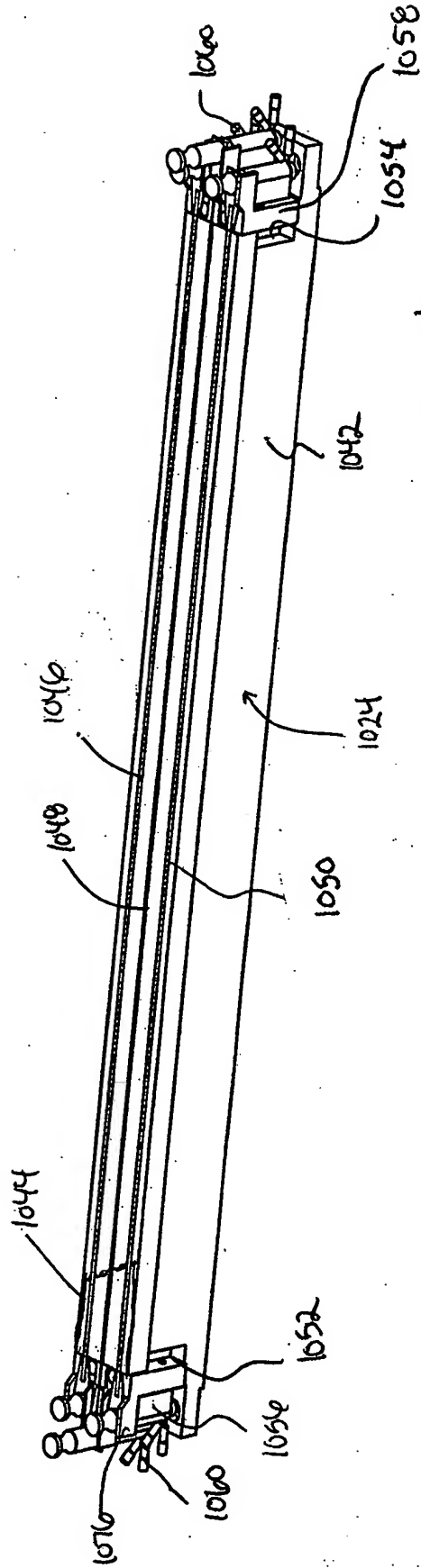


FIG. 141



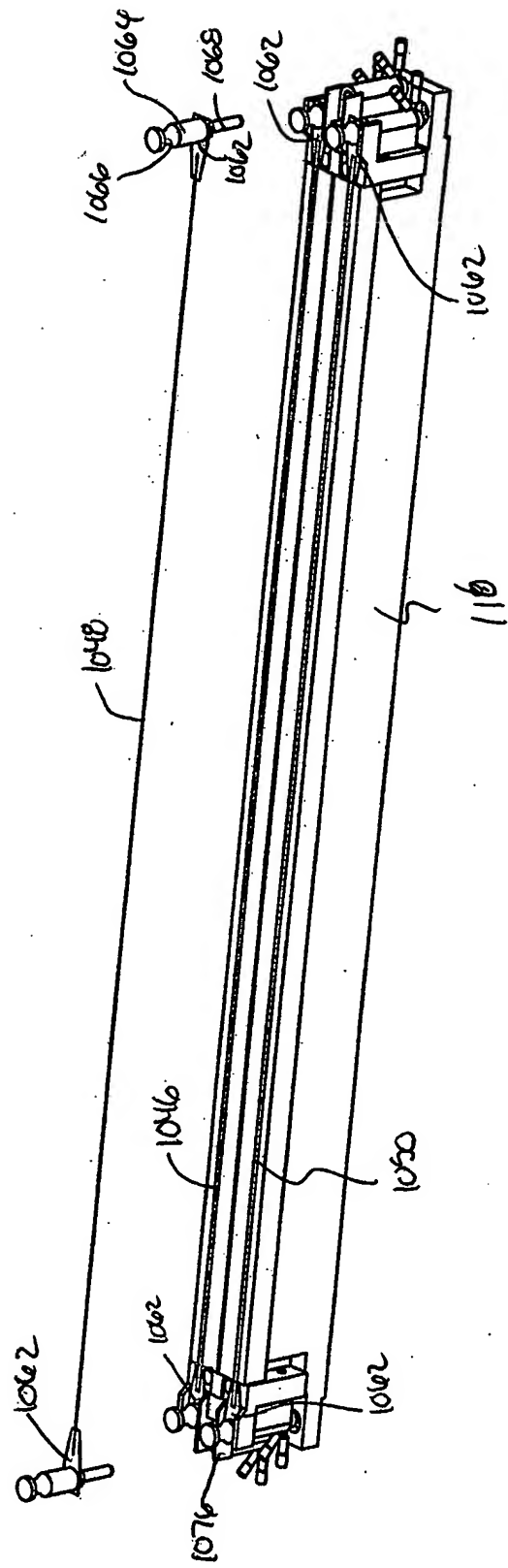


FIG 142



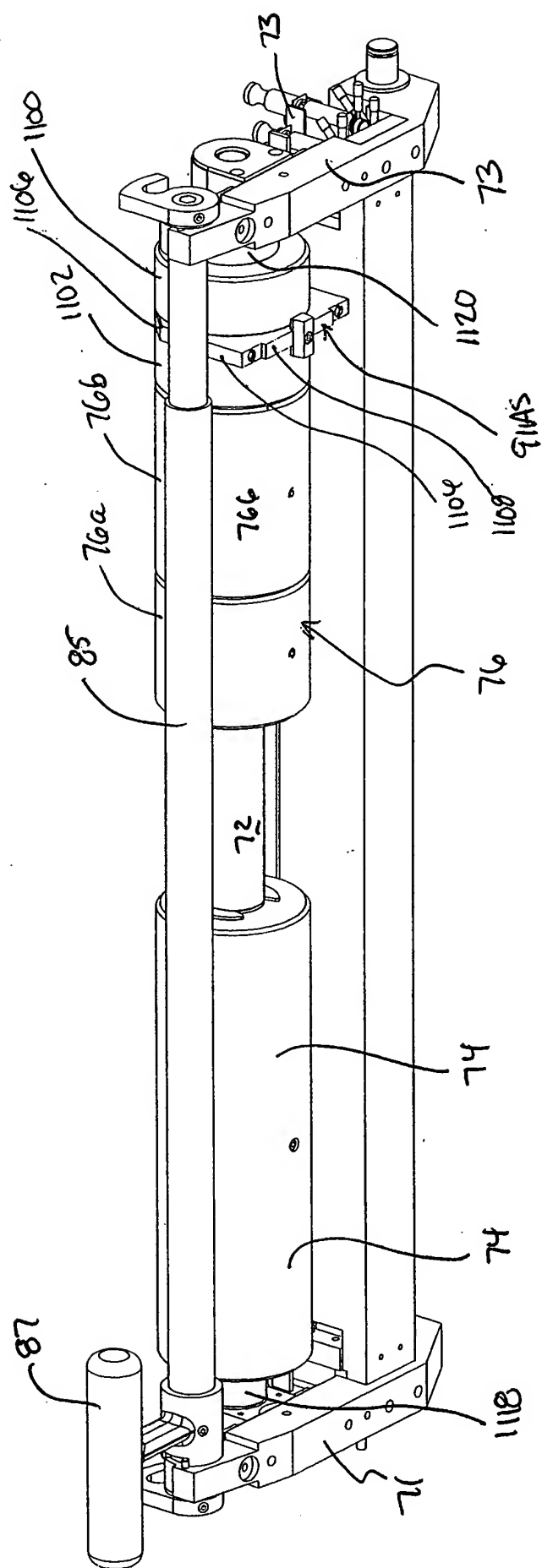
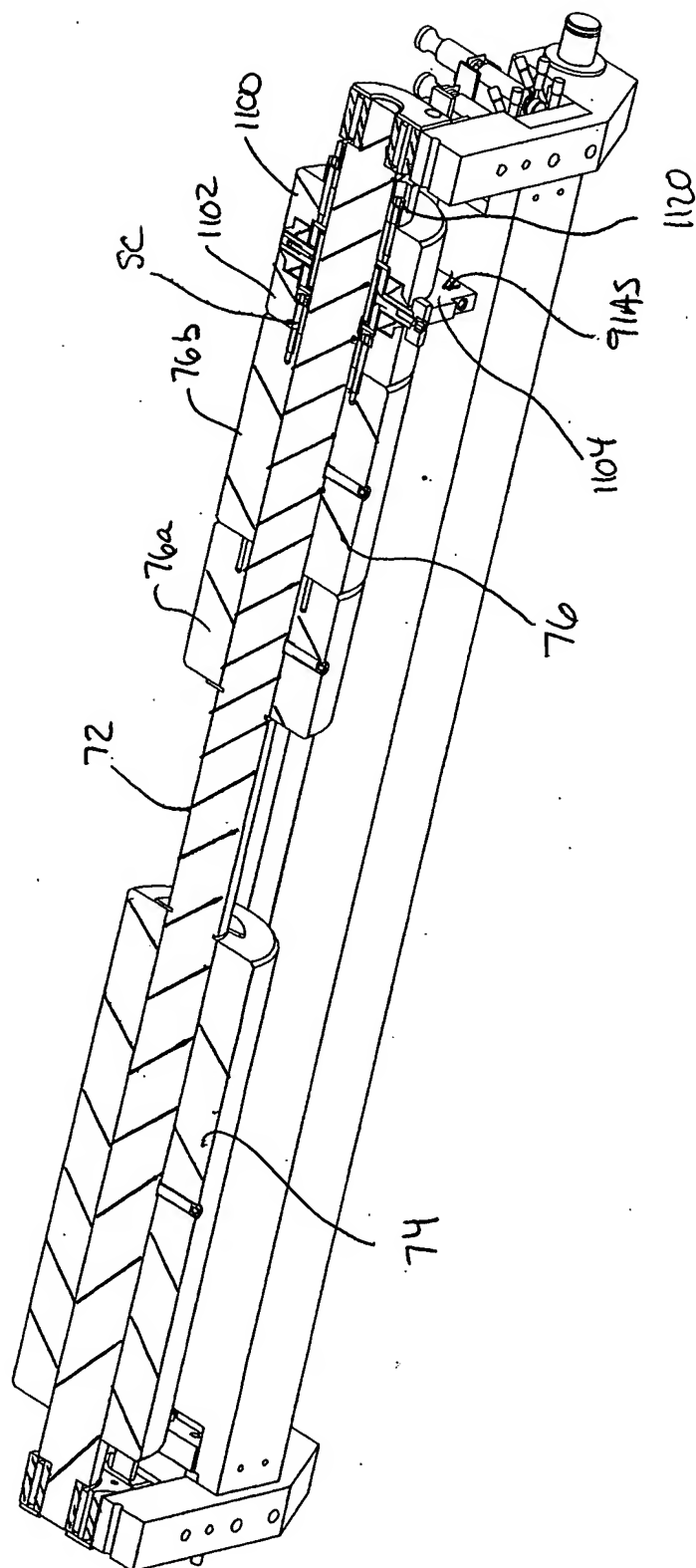


FIG. 144



FILE 145-

FIG. 14C

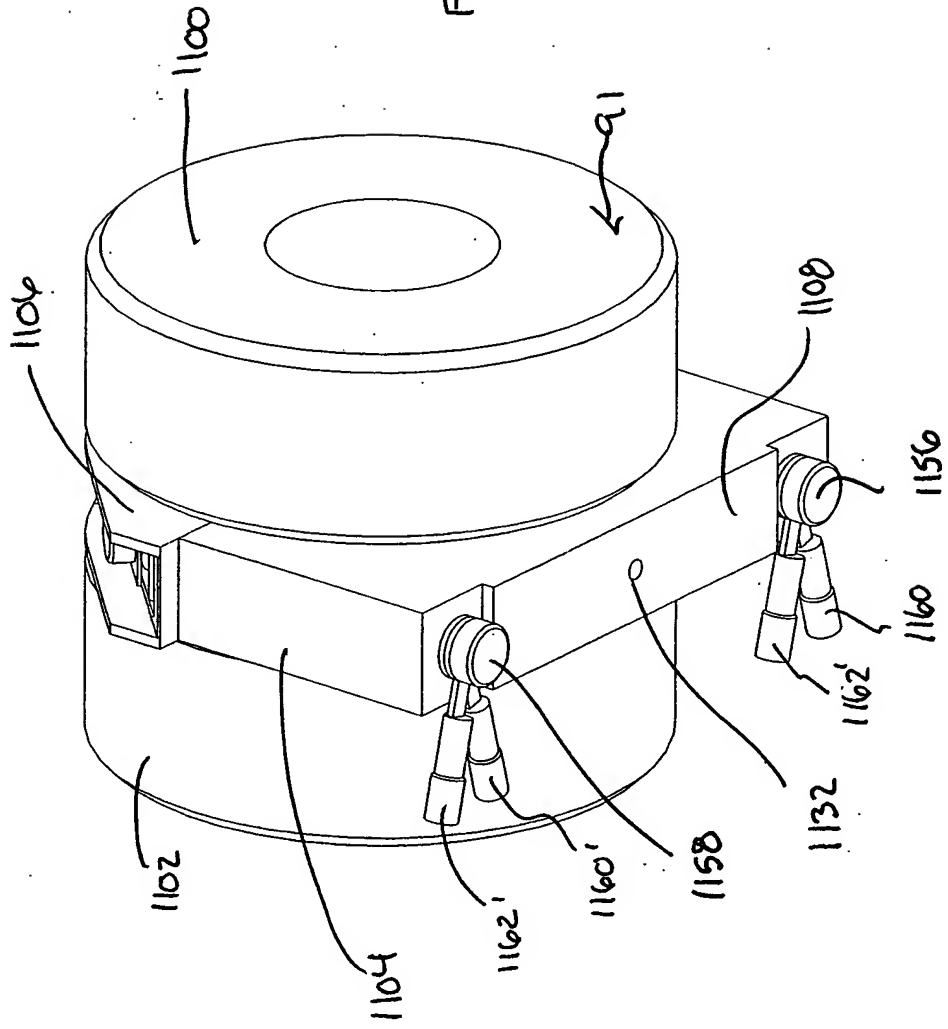


FIG. 146A

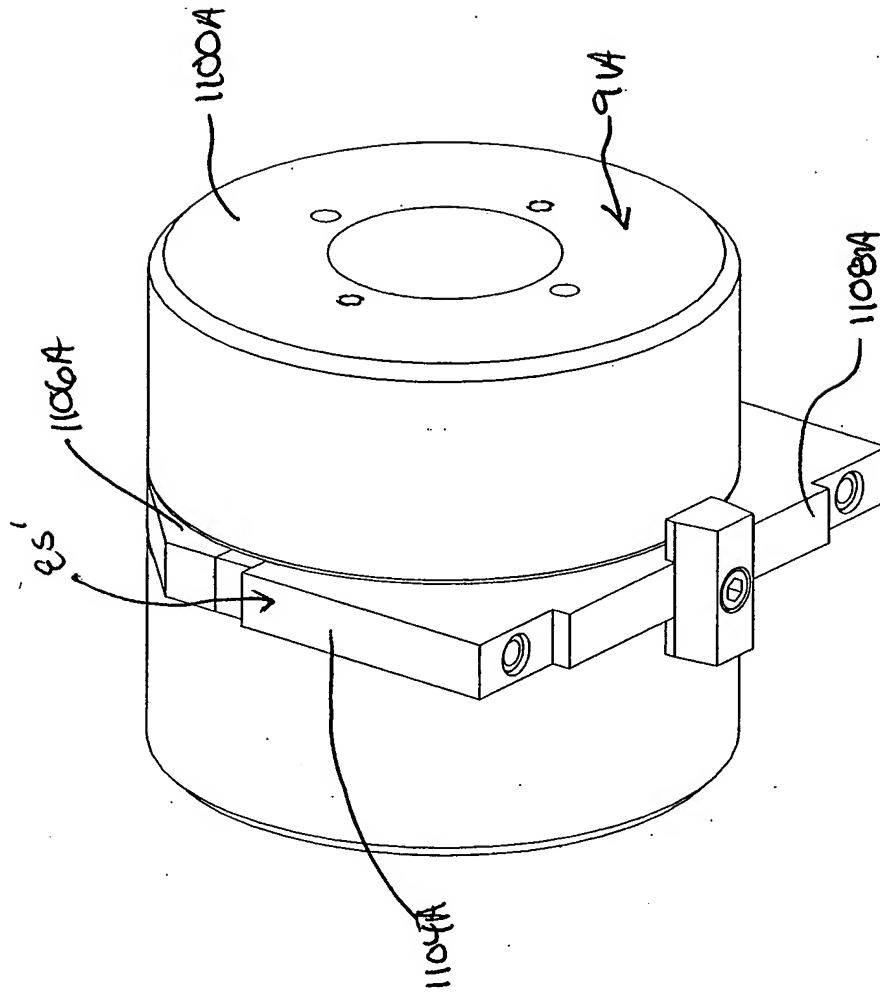


FIG. 147

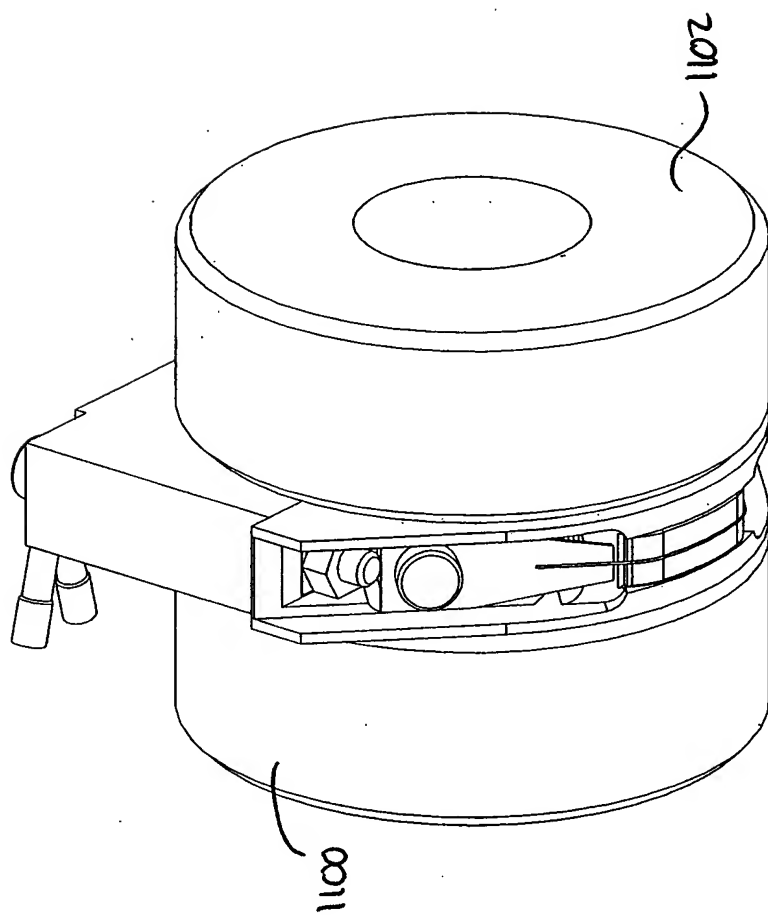
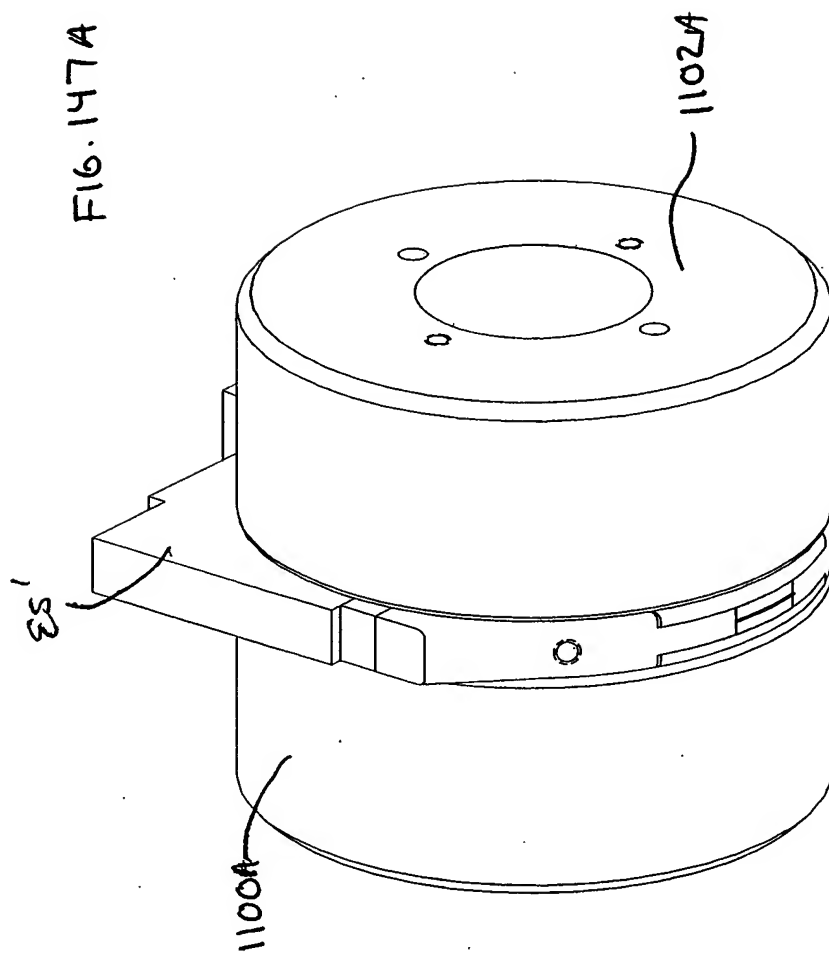
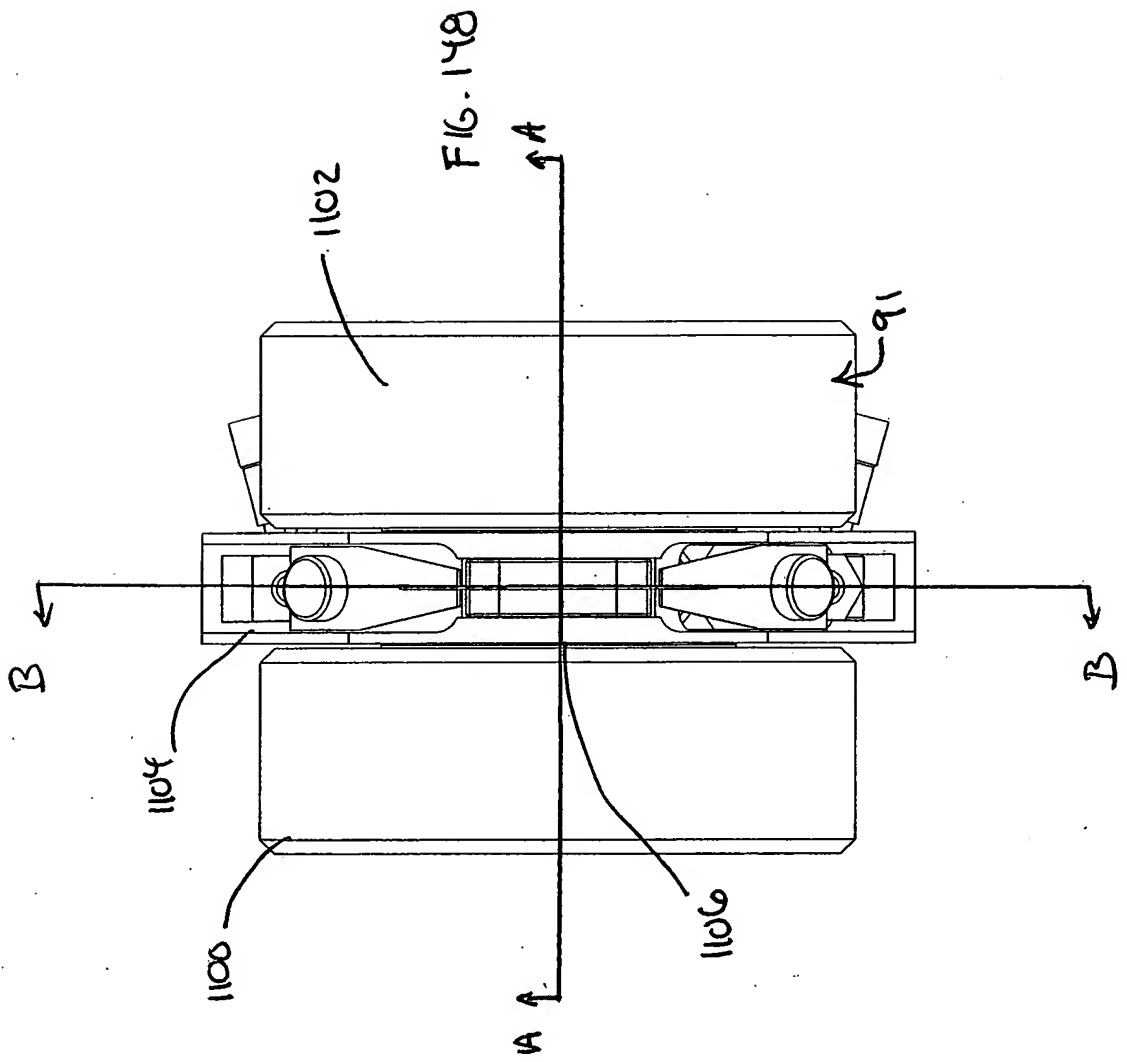


FIG. 147A









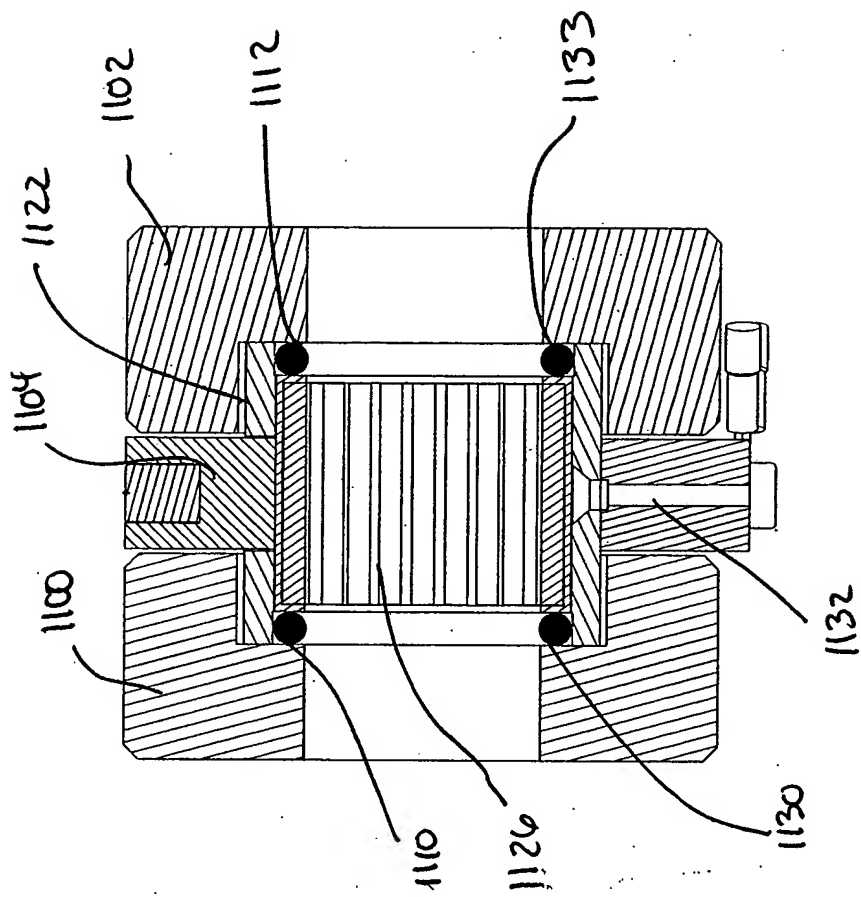
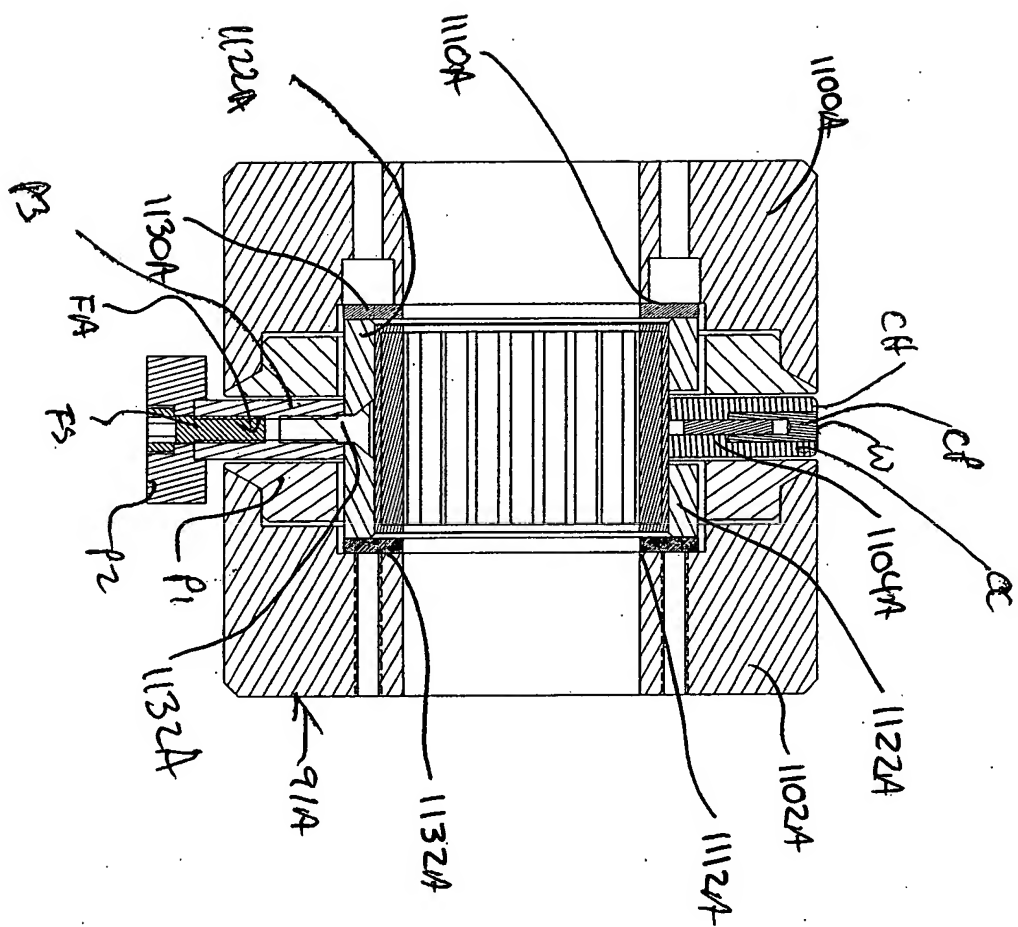


FIG. 149



F16-149A

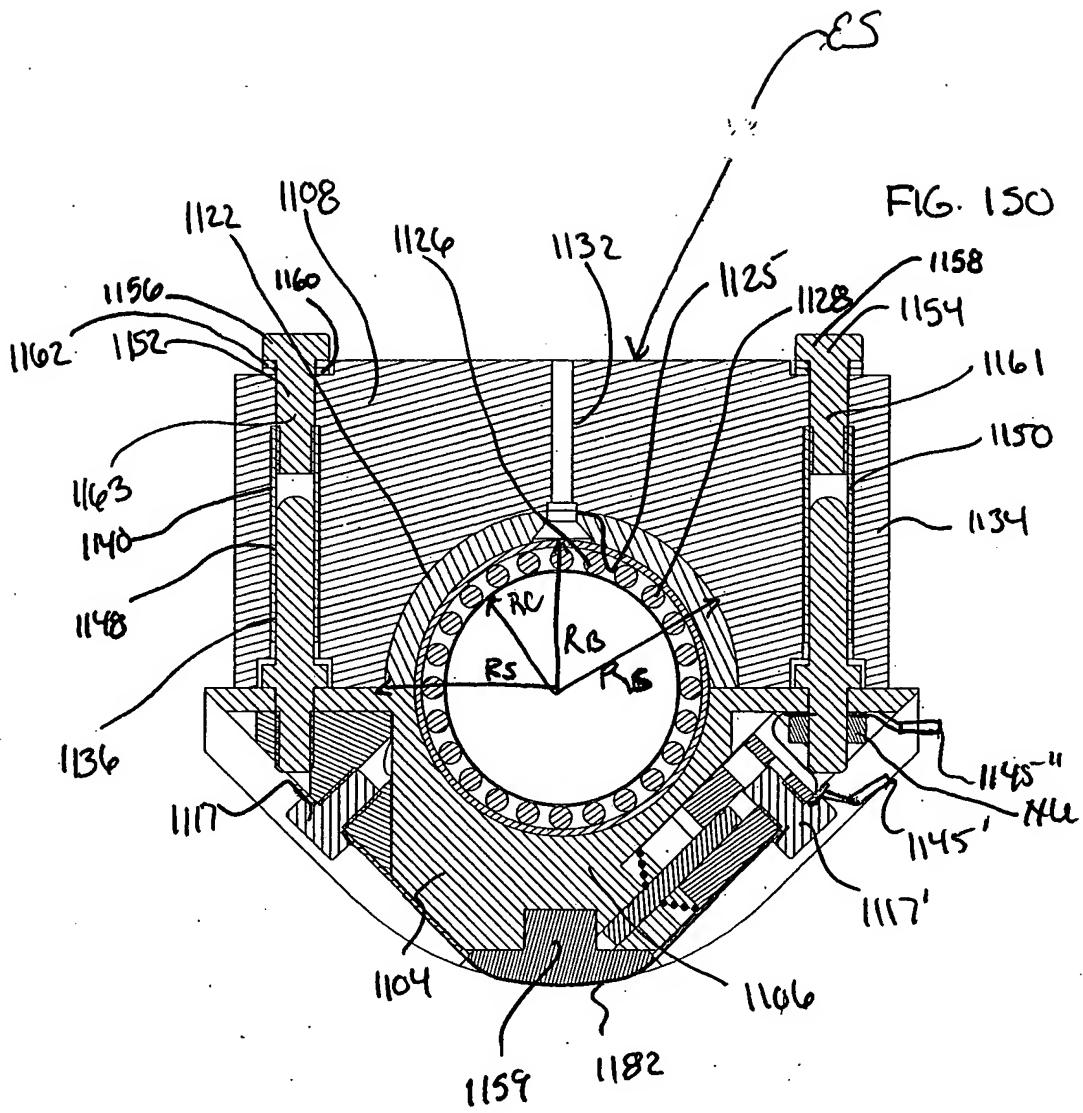


FIG. 1504A

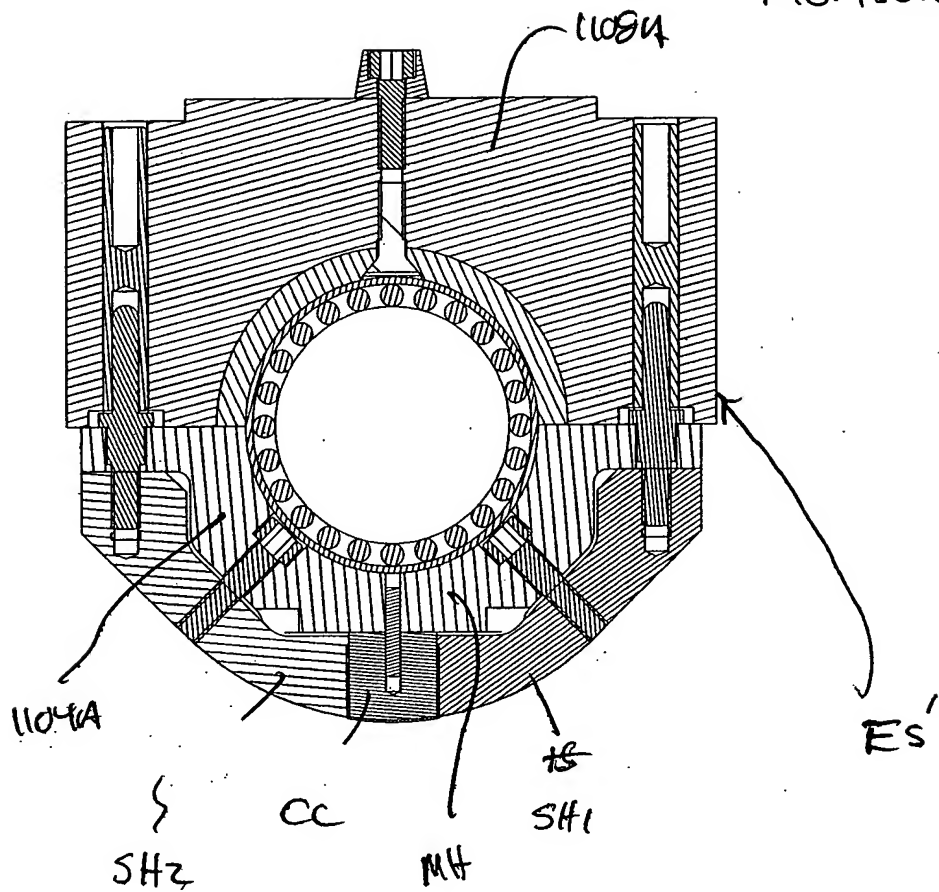


FIG. 151

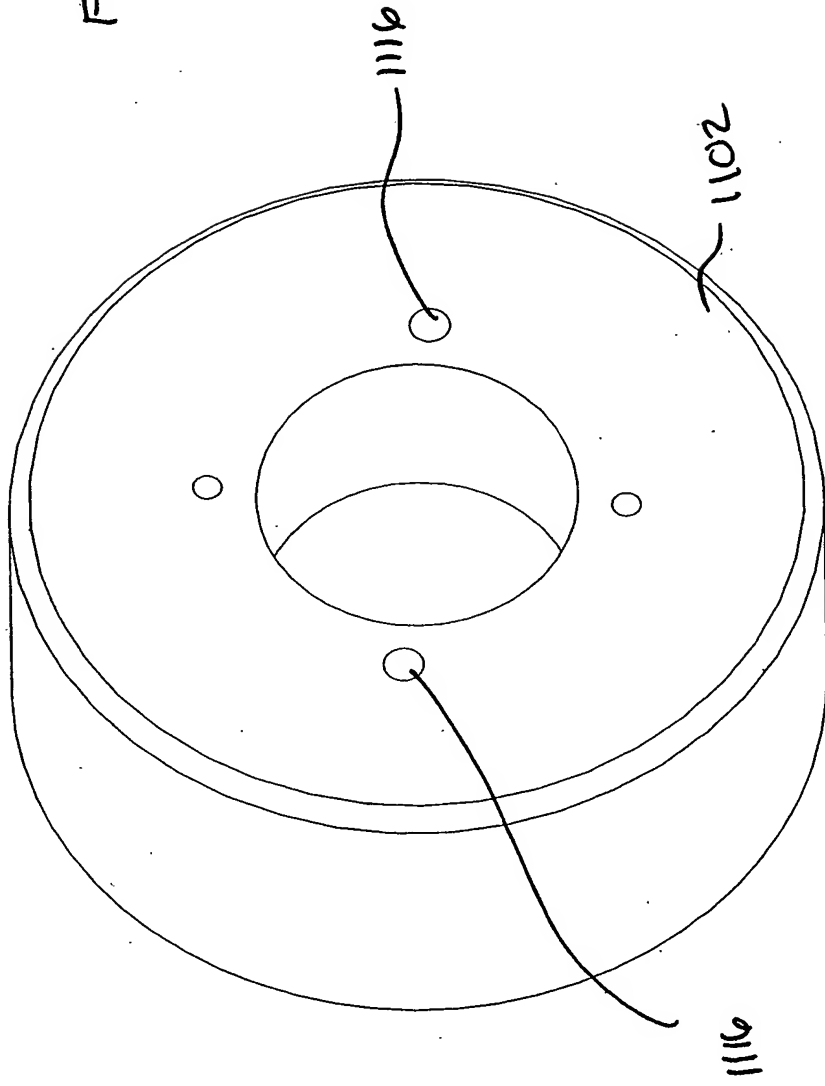


FIG. 151A

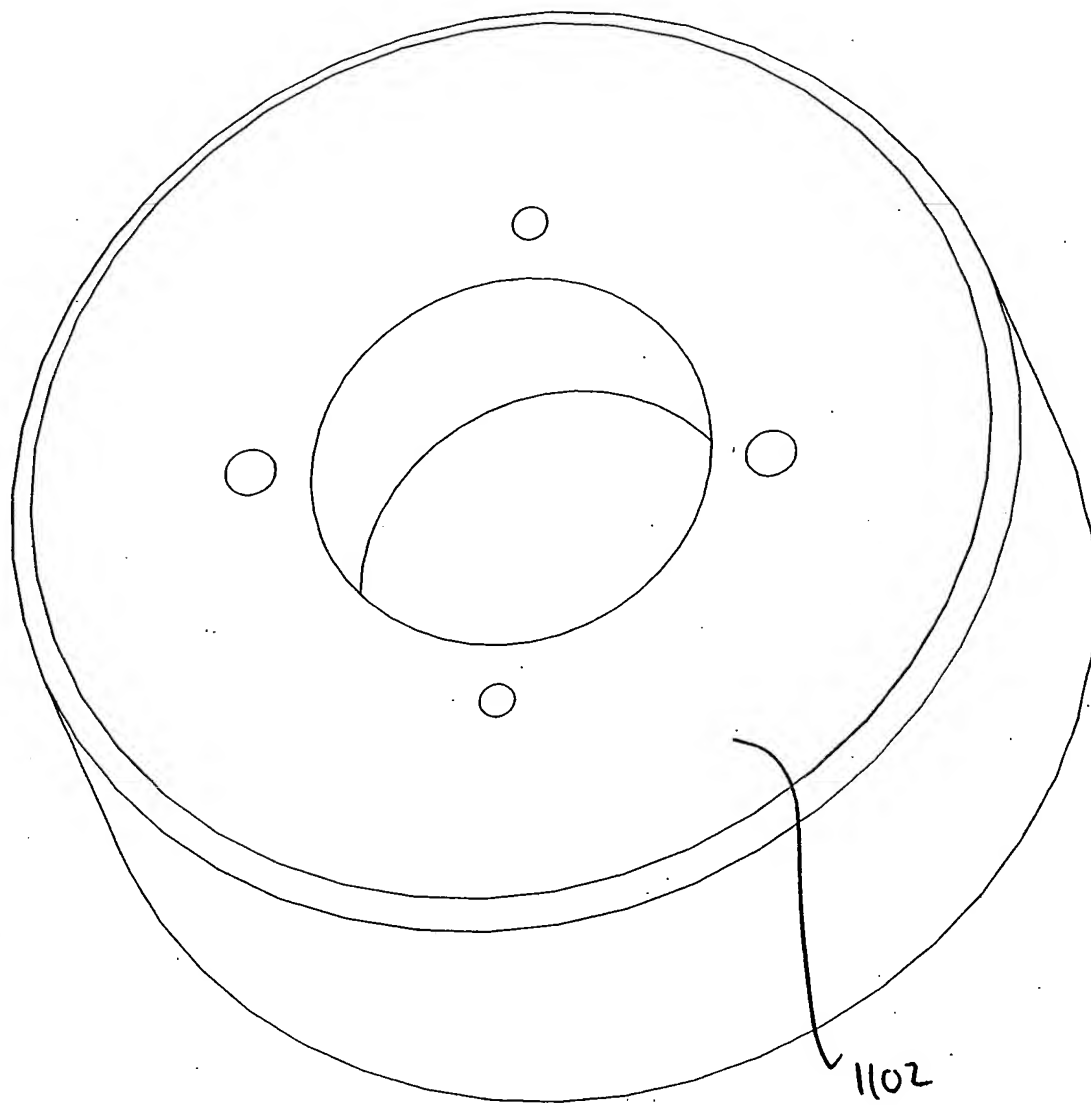




FIG. 152

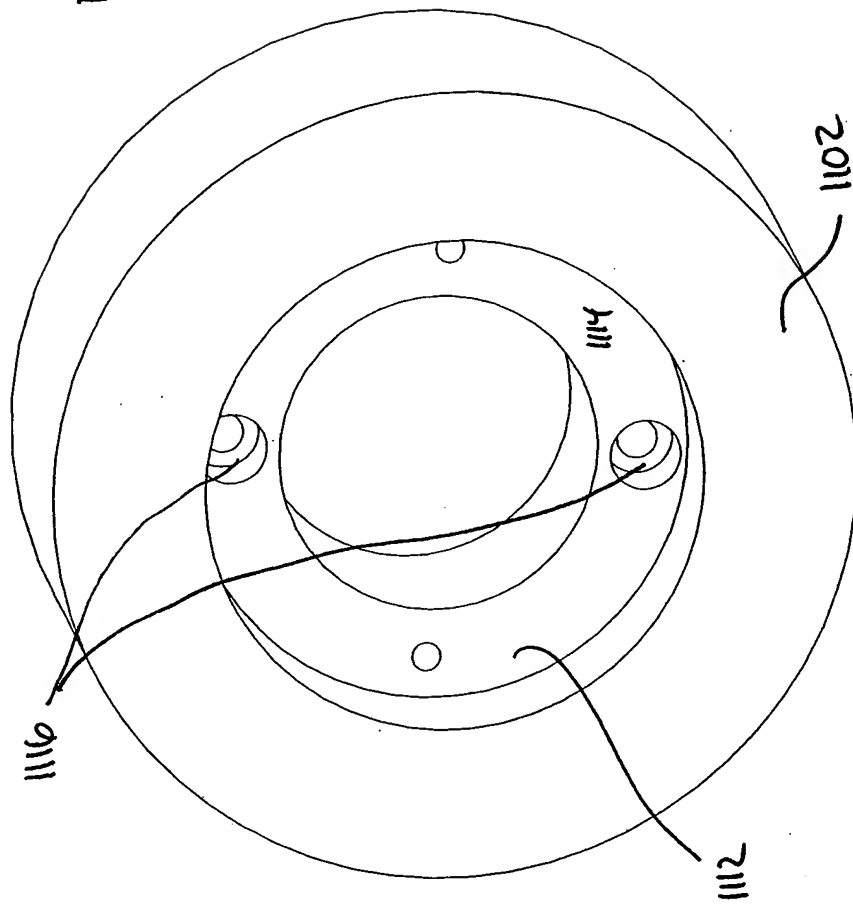


FIG. 152A

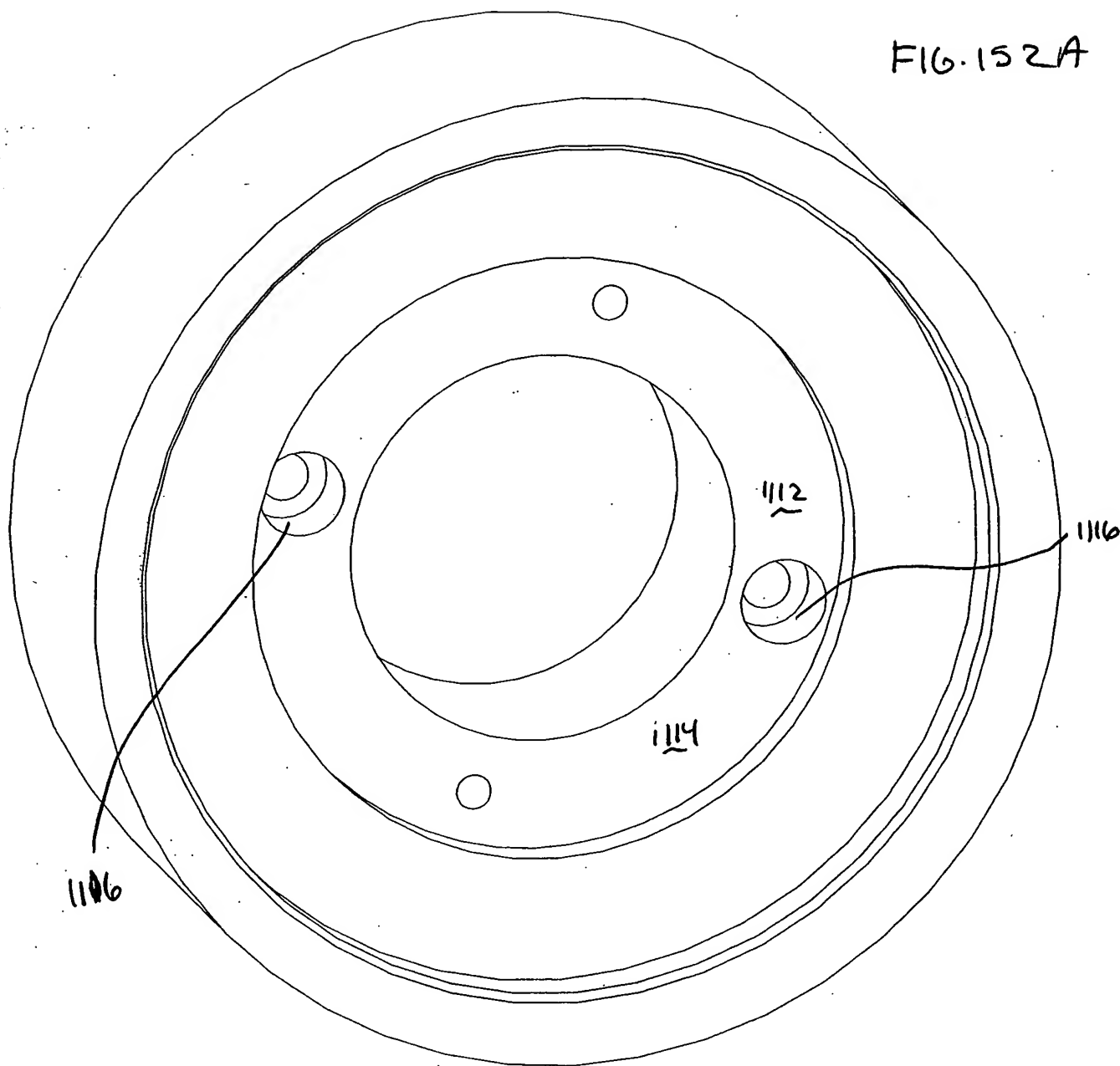
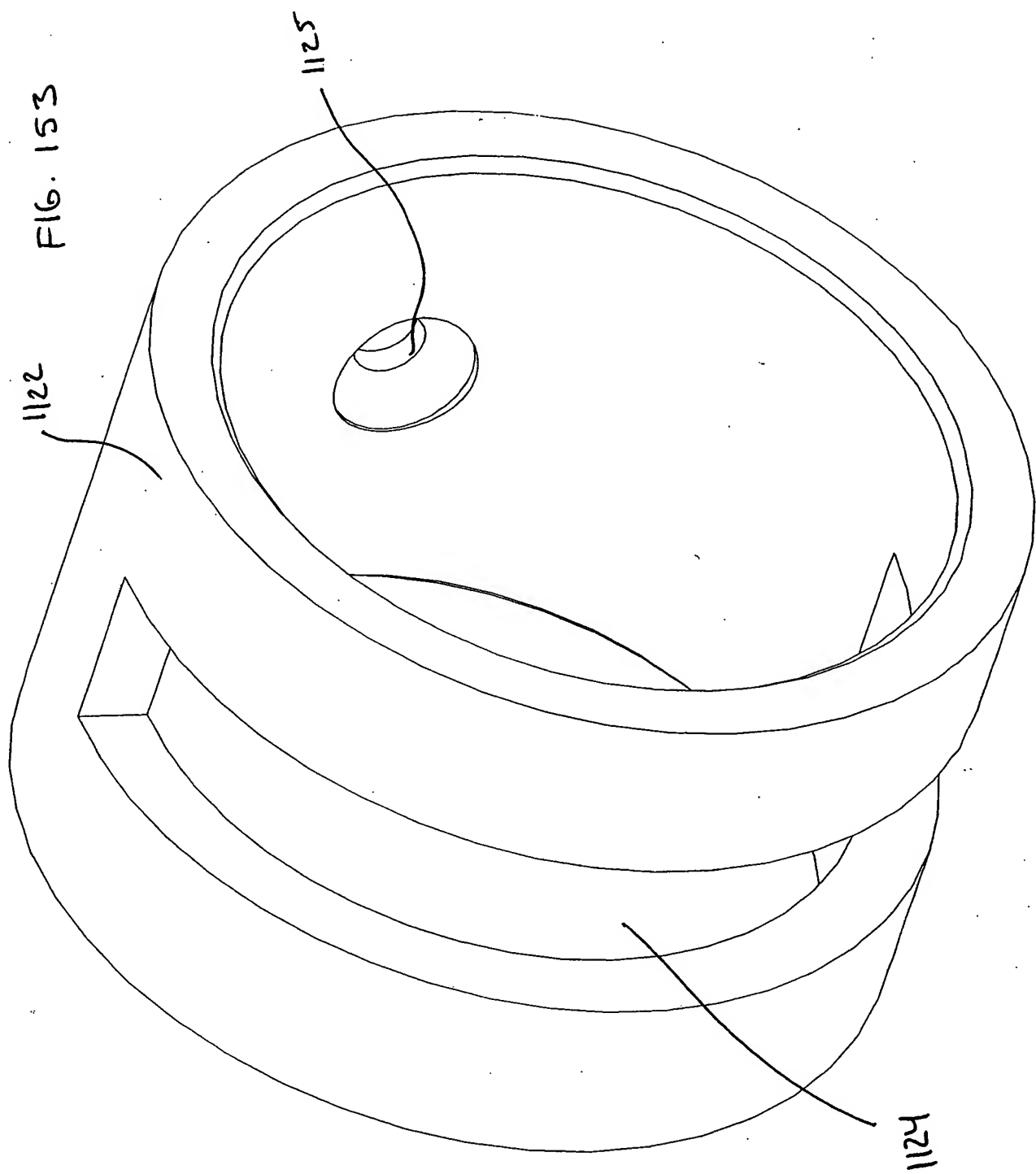


FIG. 153



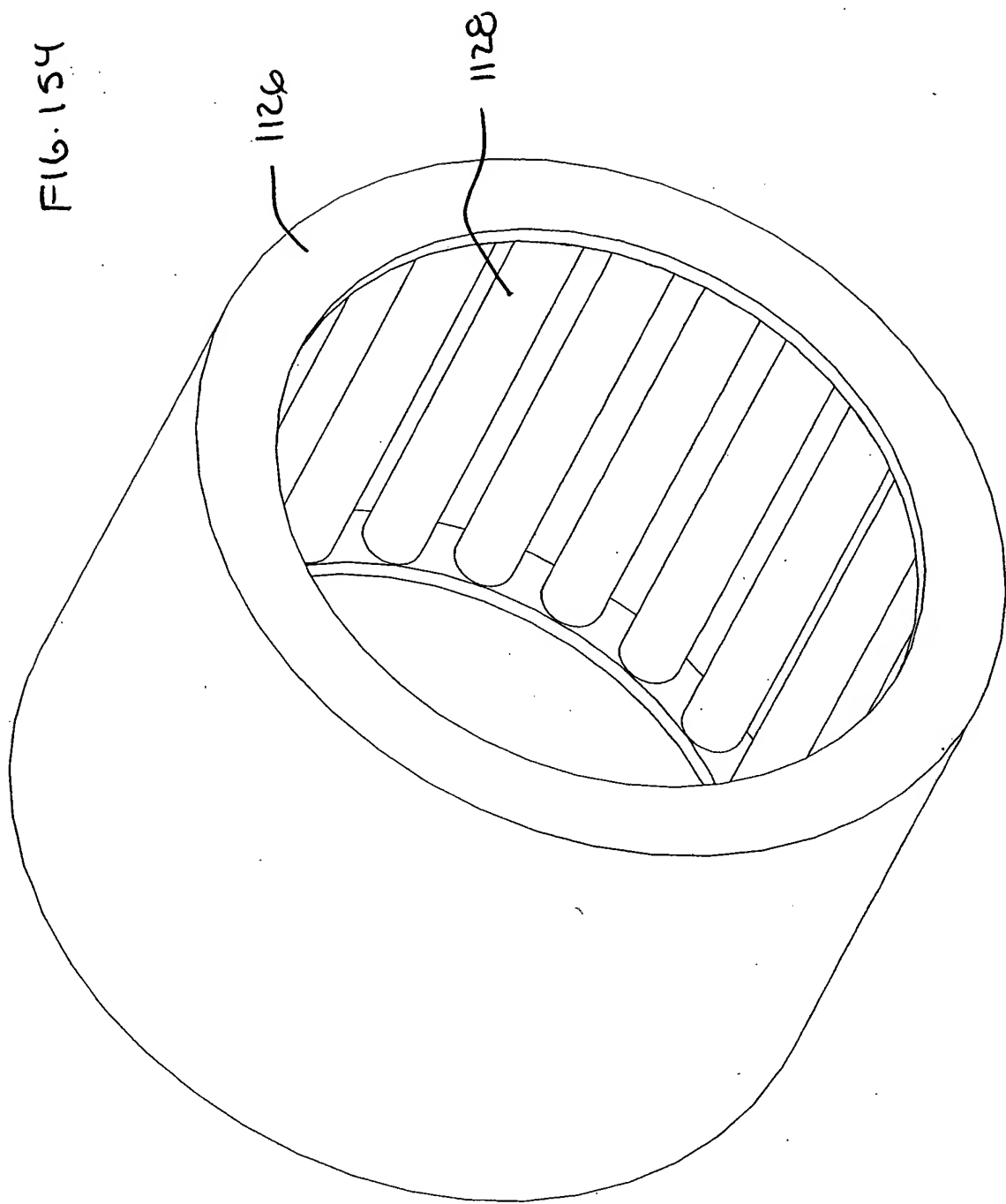
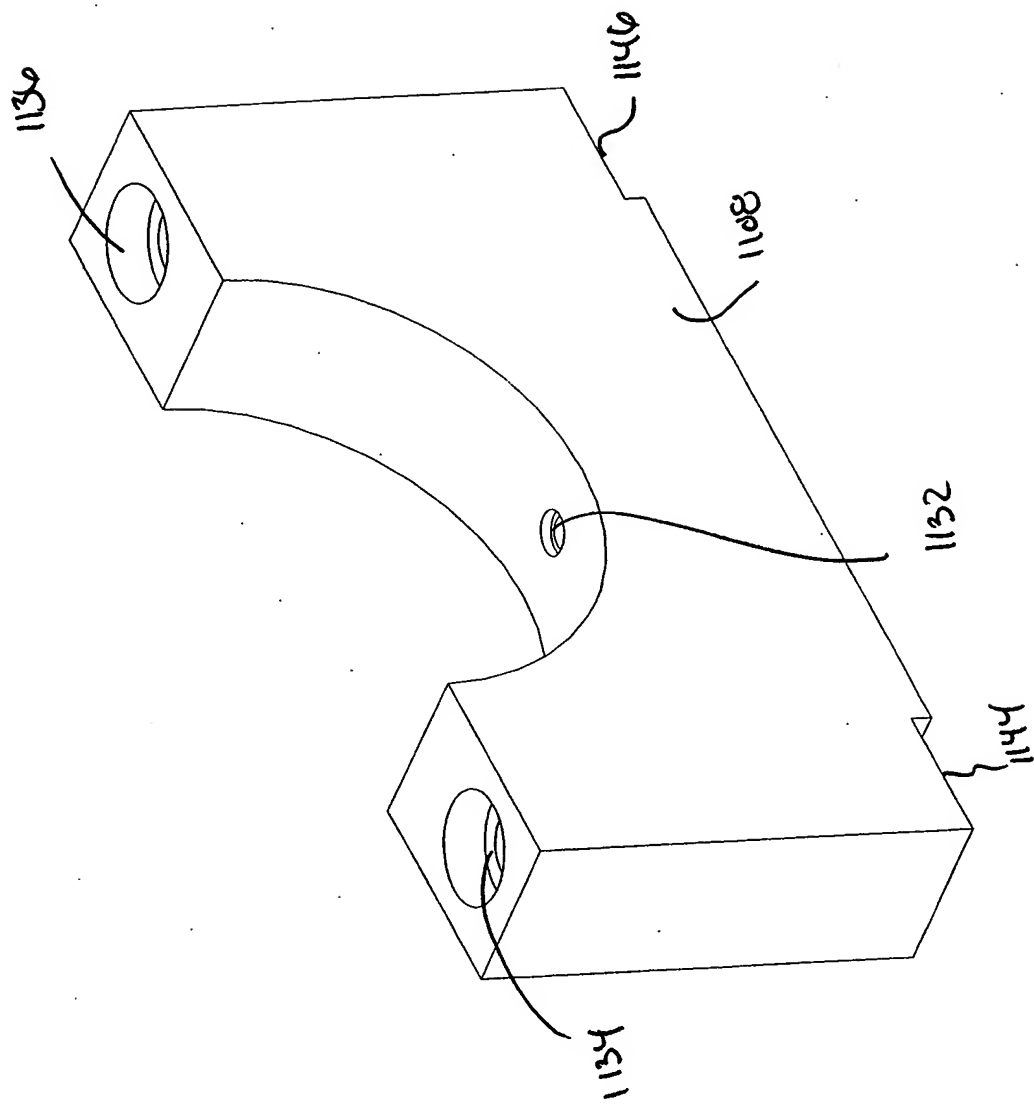


FIG. 155



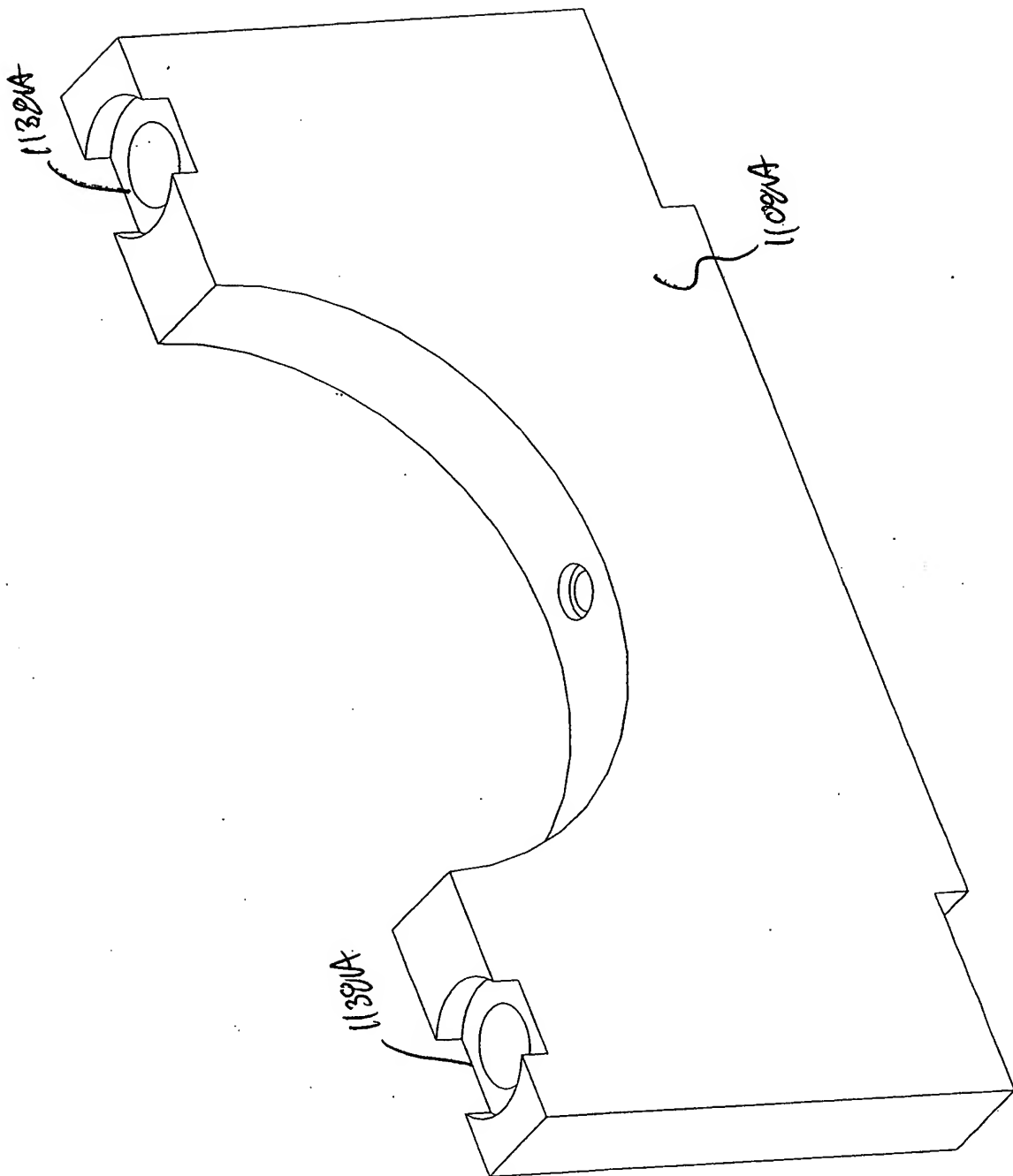


FIG. 155A

FIG. 15C

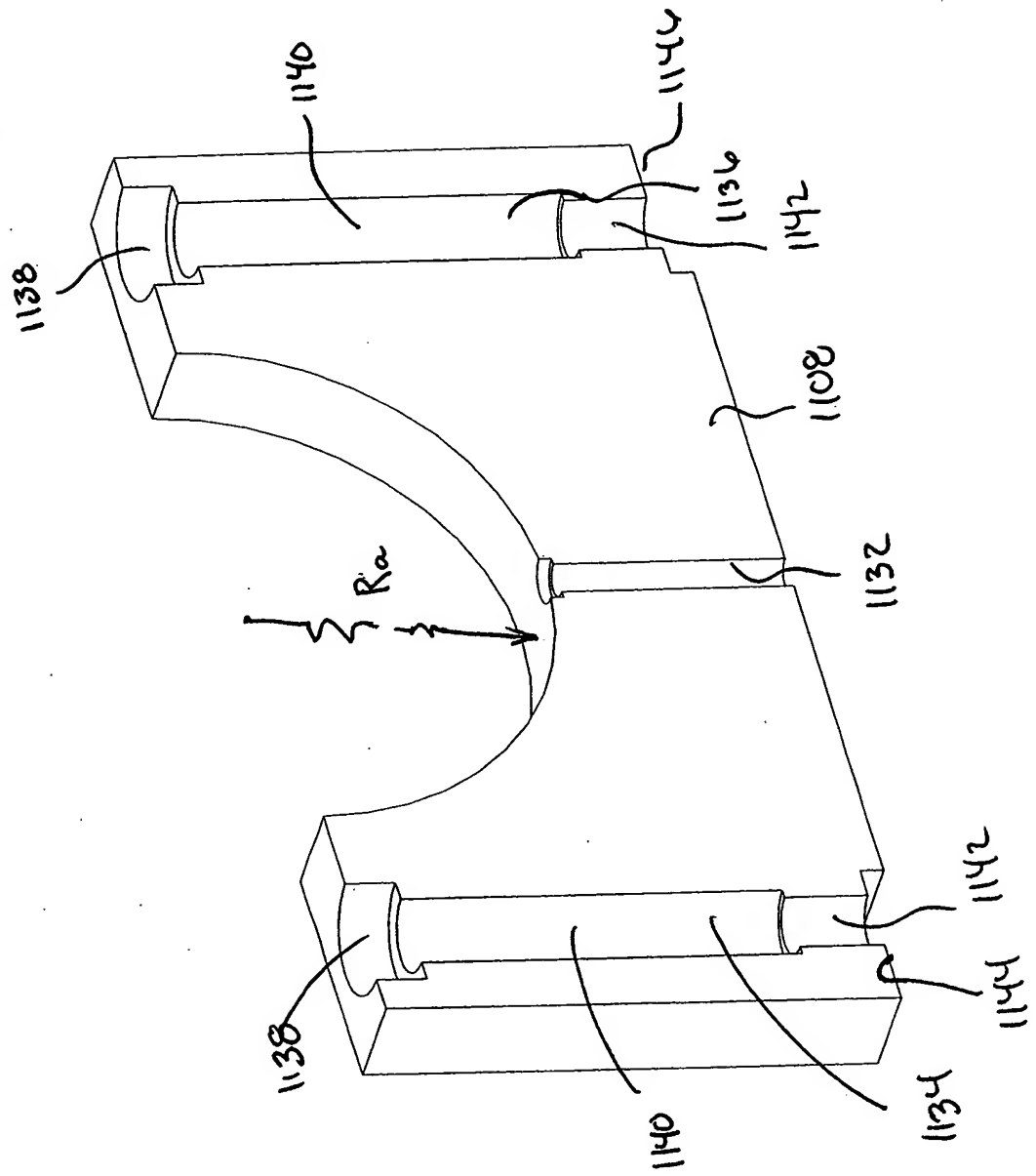


FIG. 156A

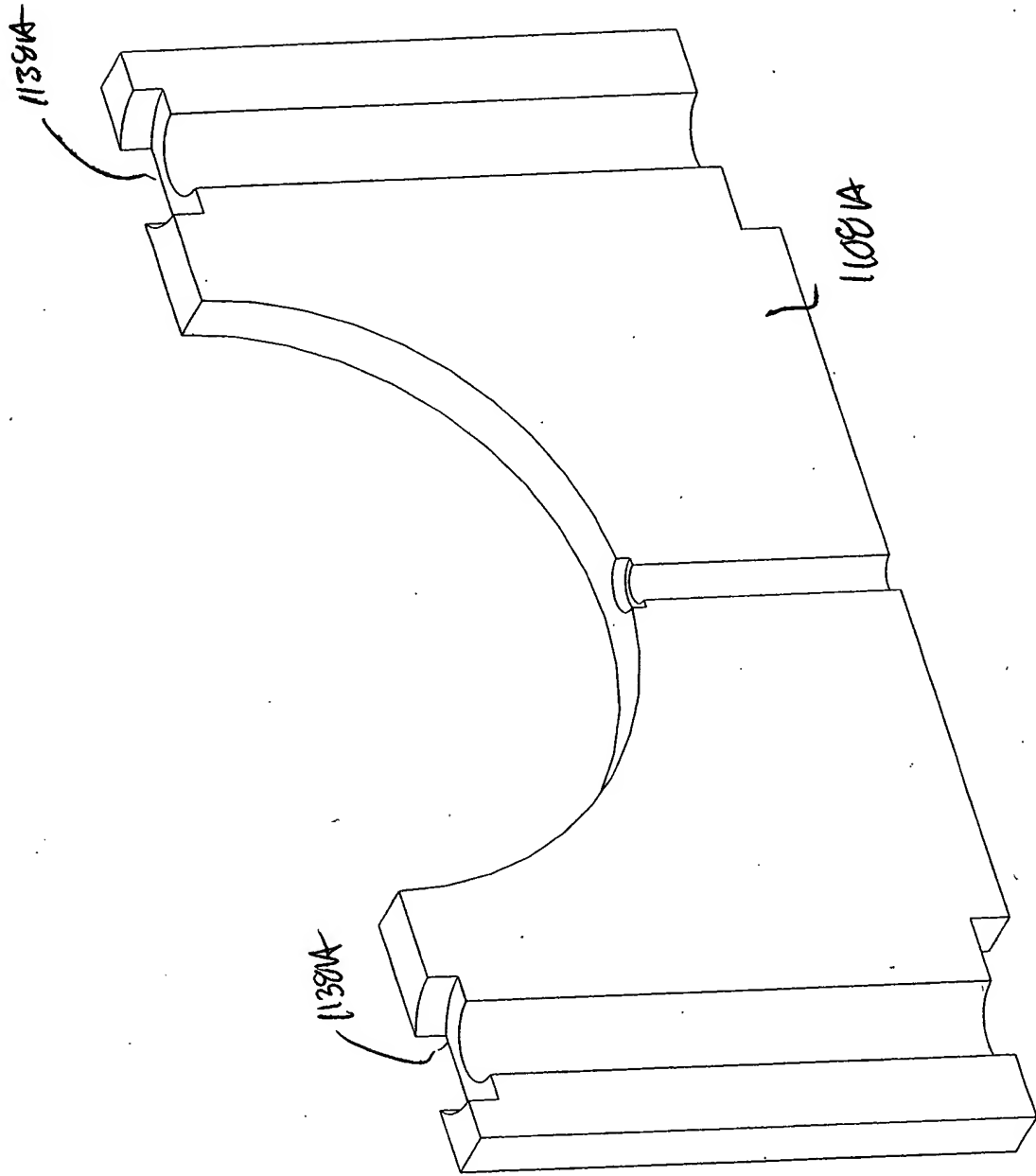
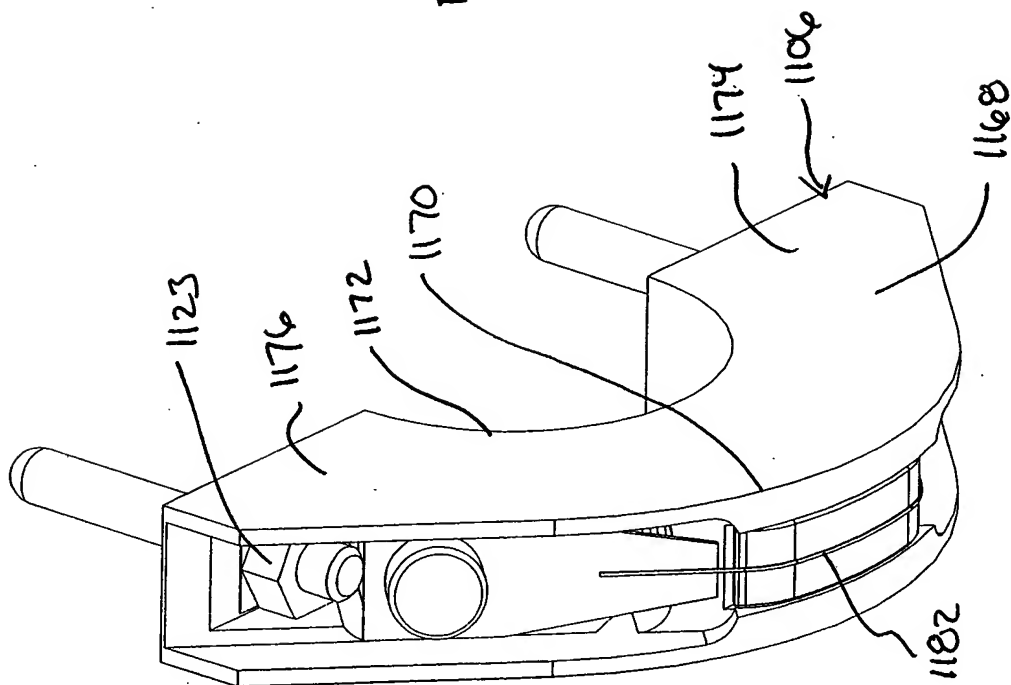




FIG. 157



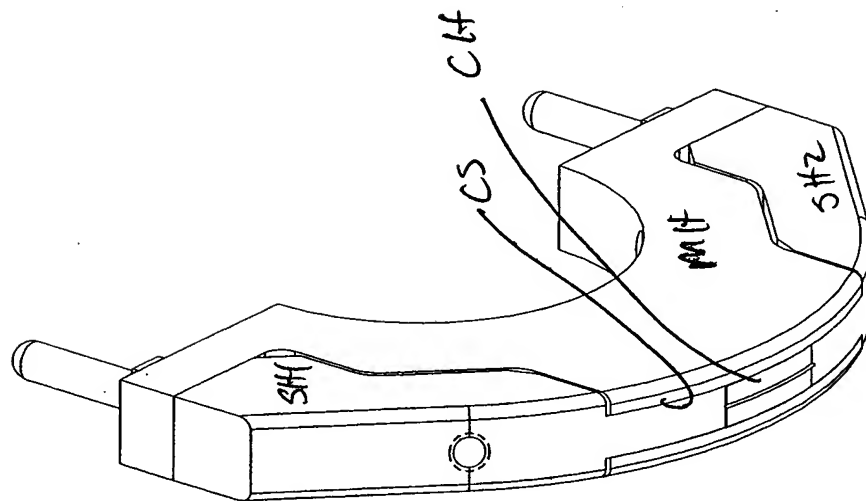
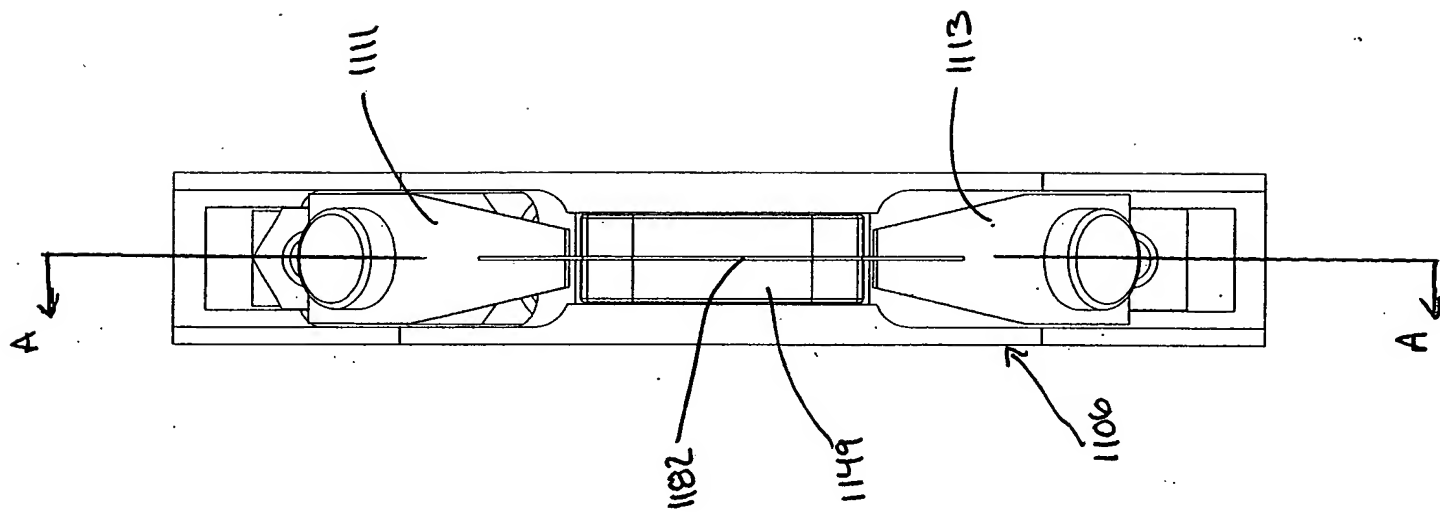


FIG. 157A

FIG. 158



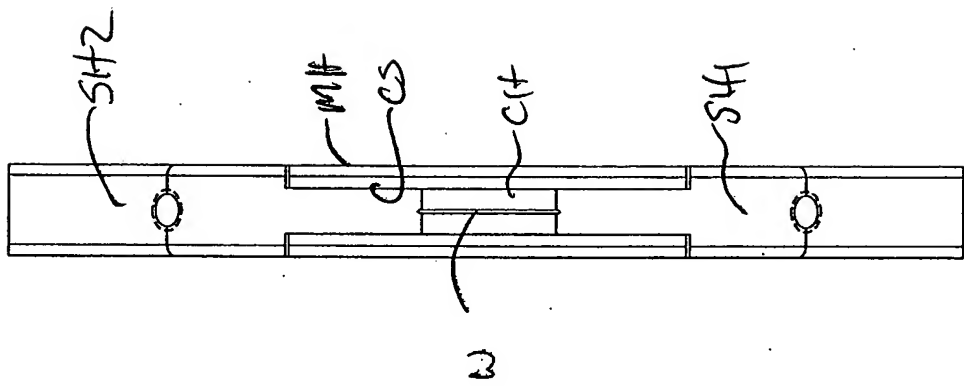
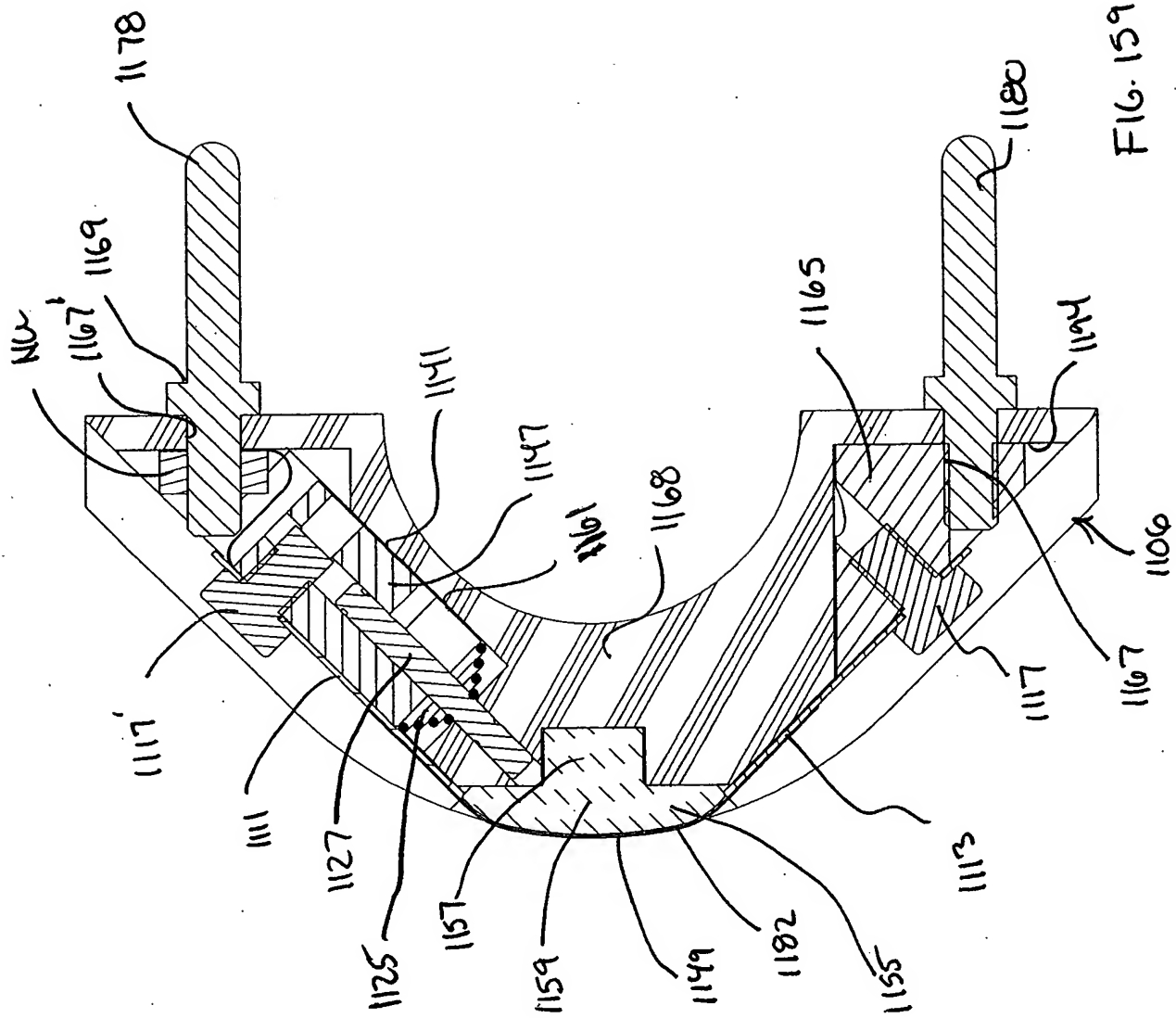


FIG. 158A



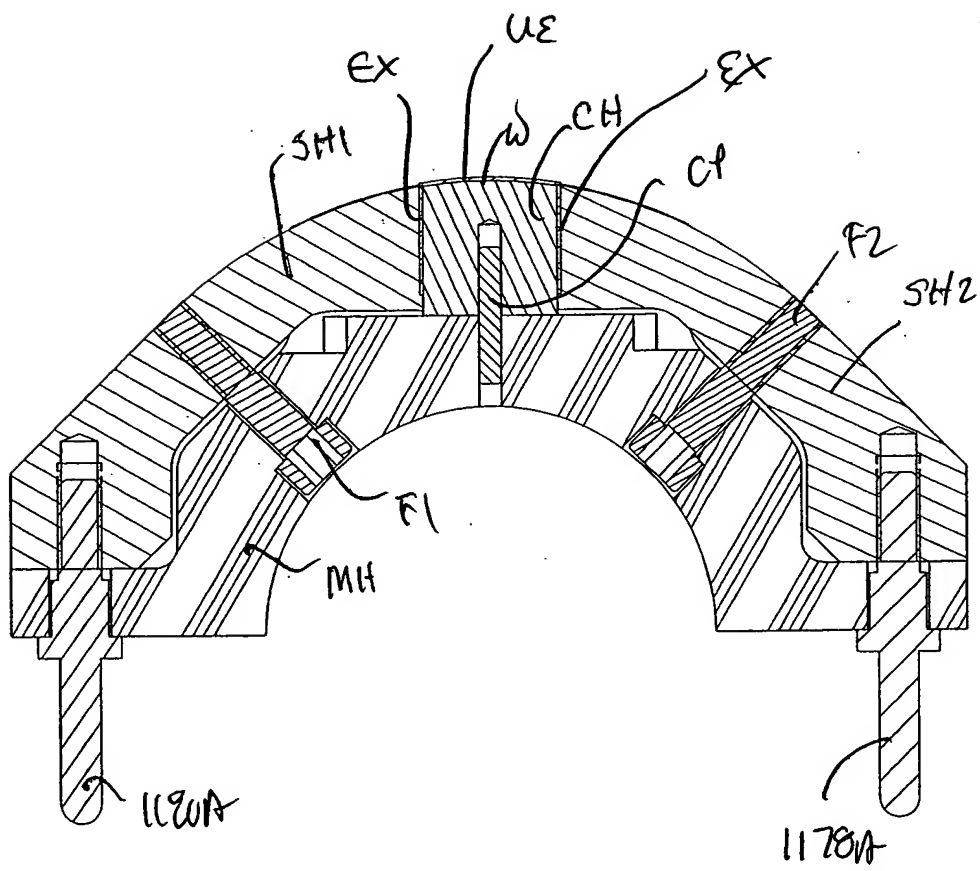


FIG-159A

FIG. 160

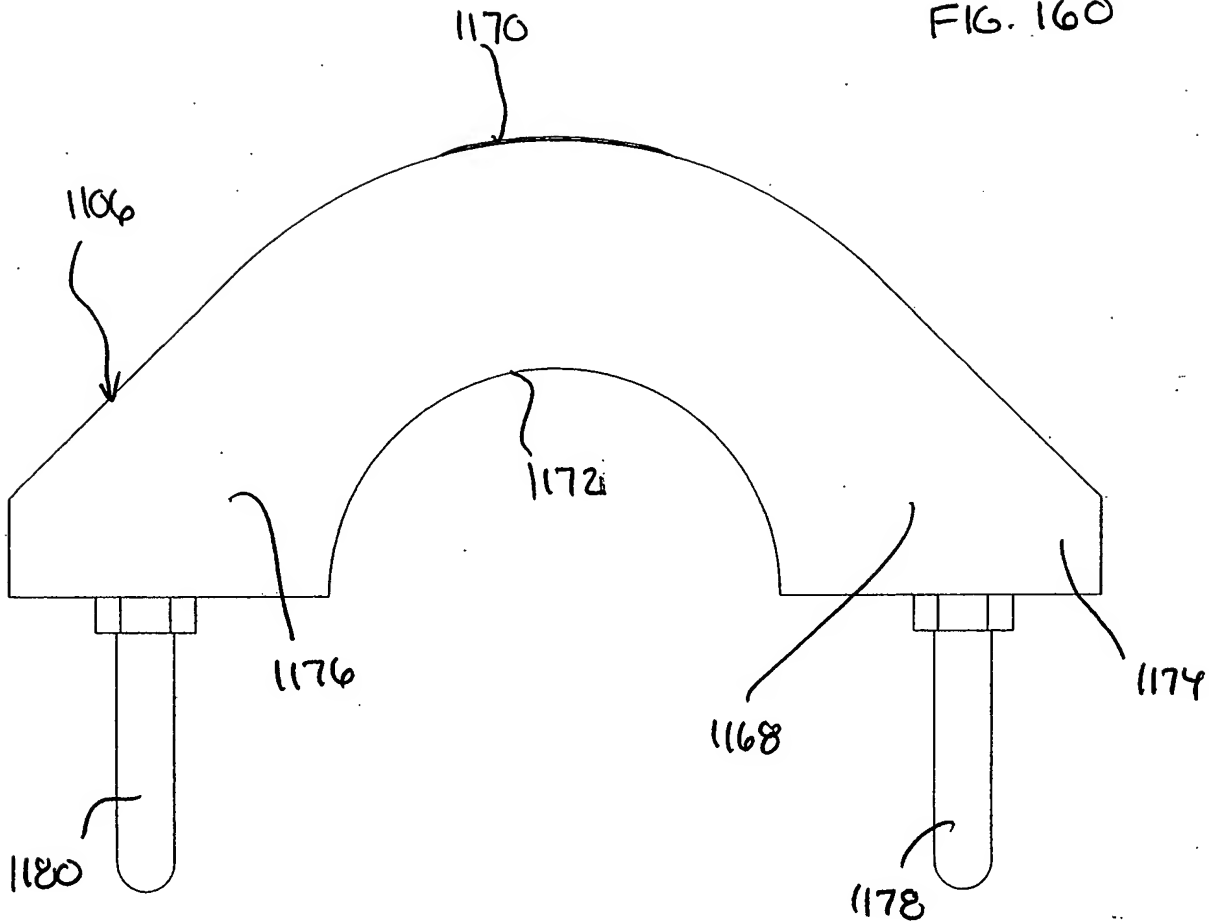
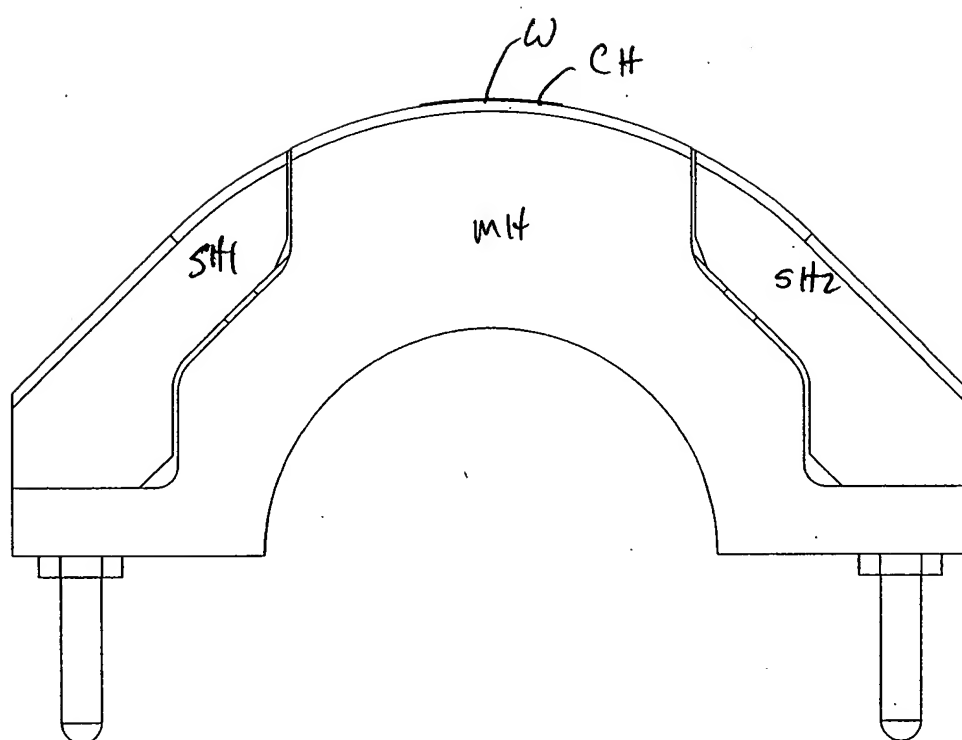


FIG. 160A





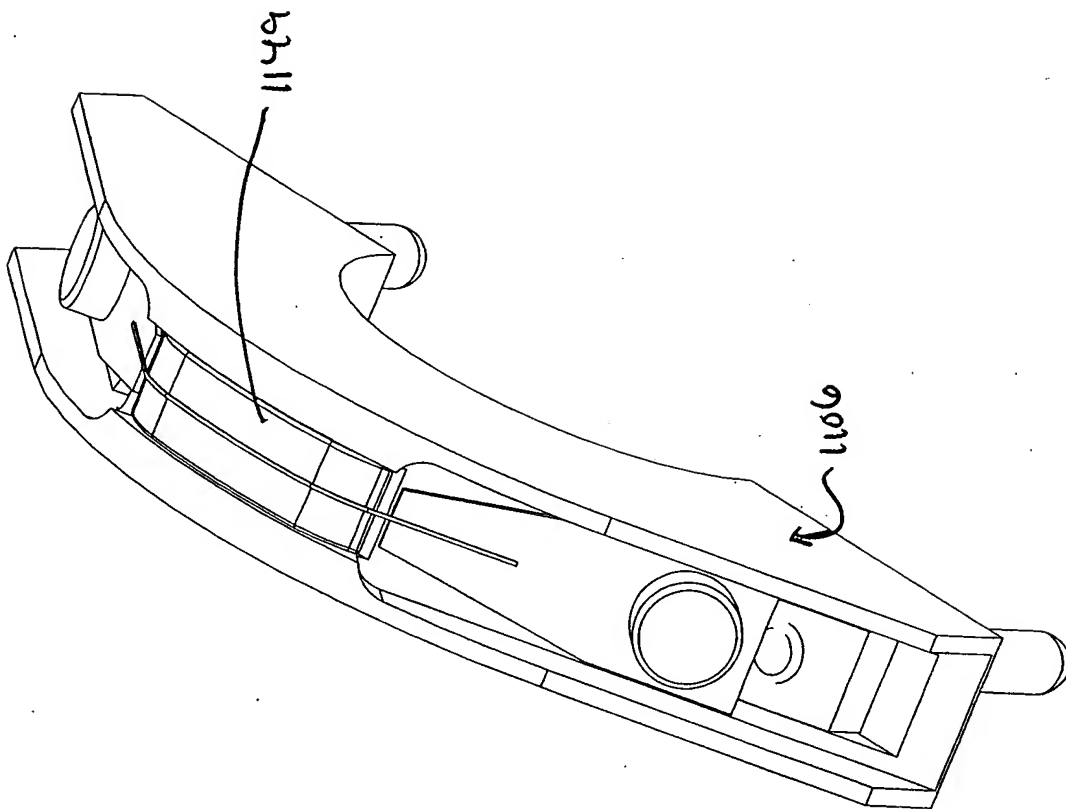


FIG. 161

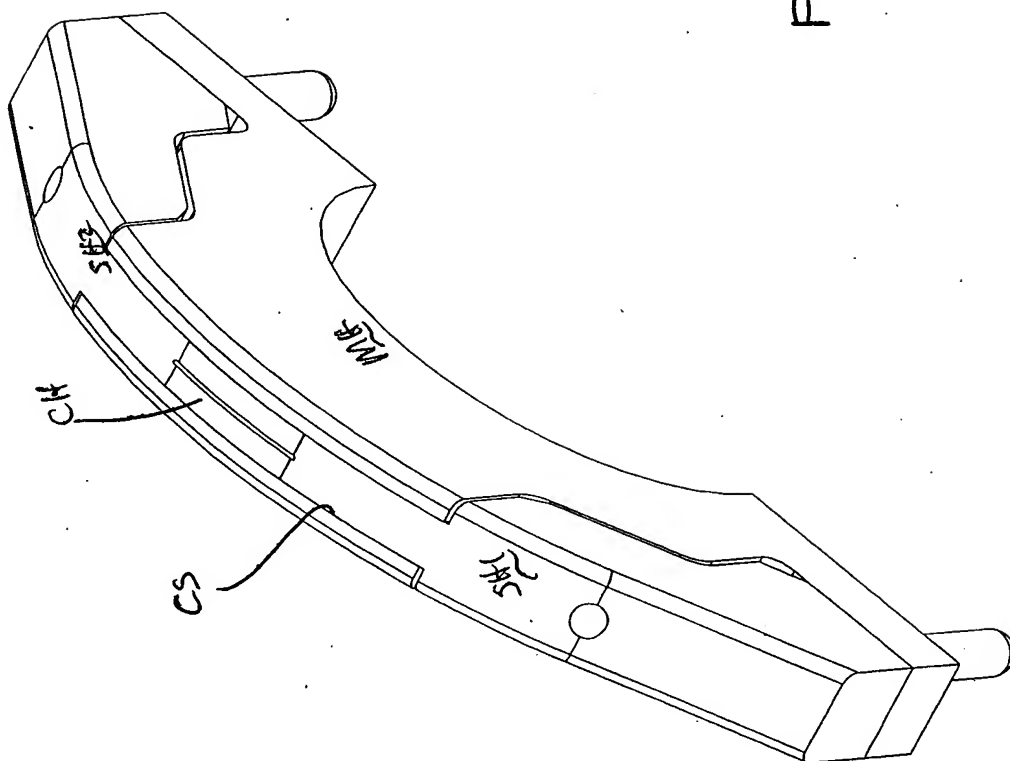


FIG. 161A

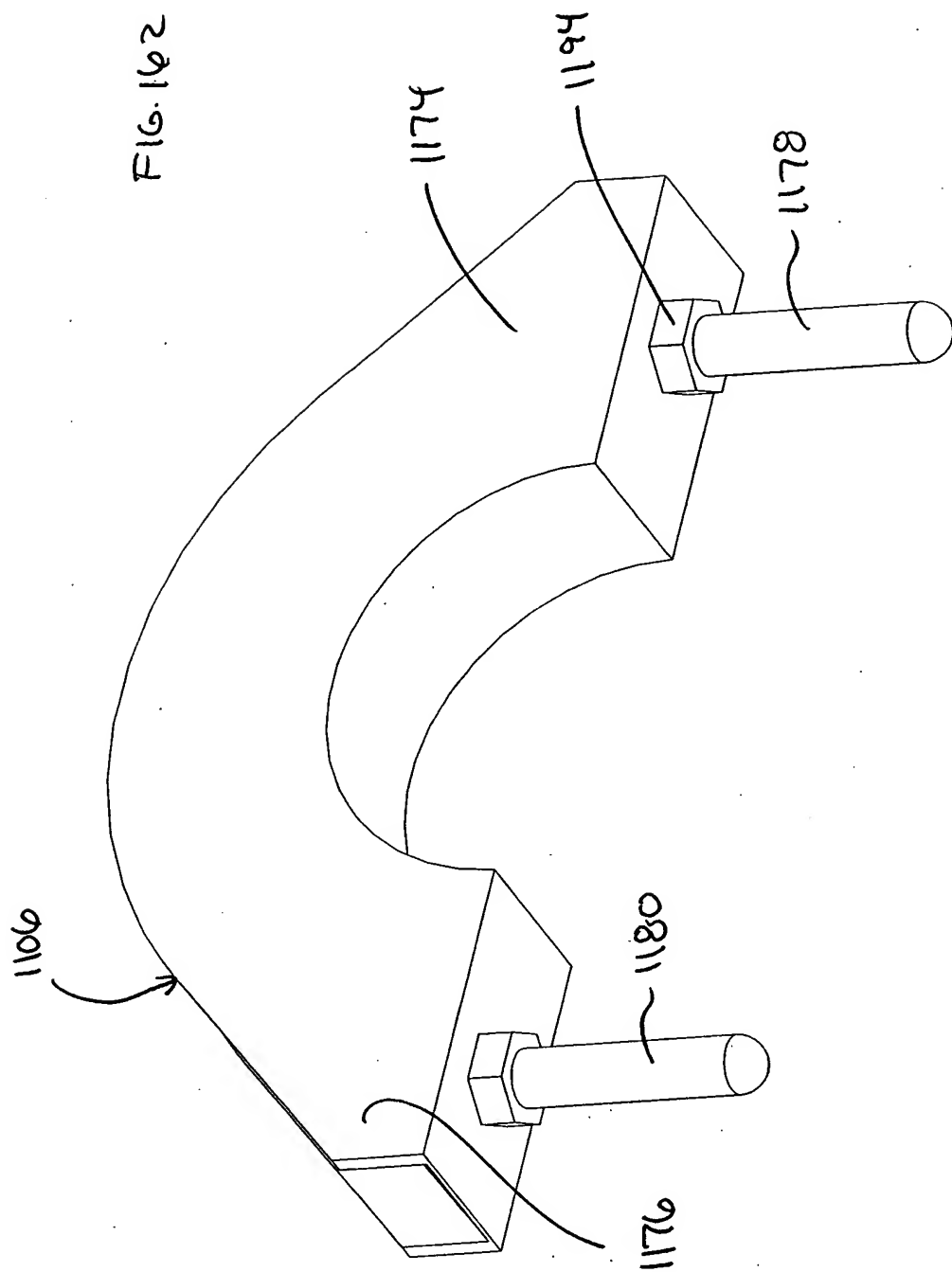
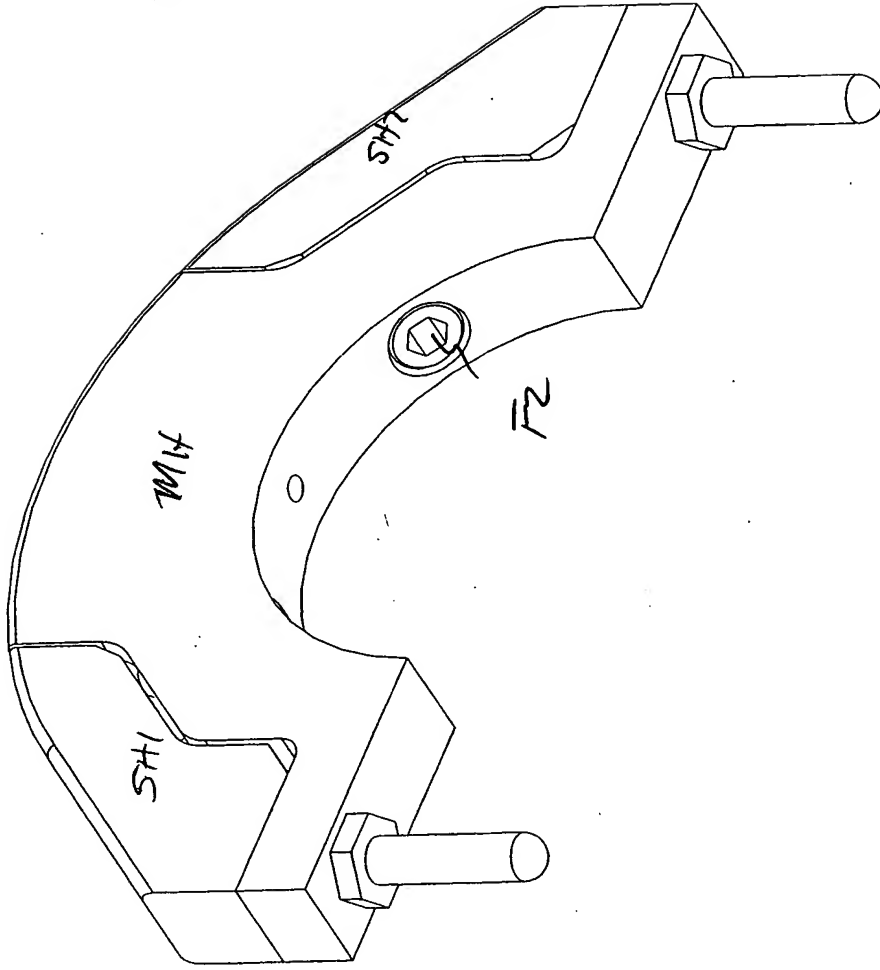
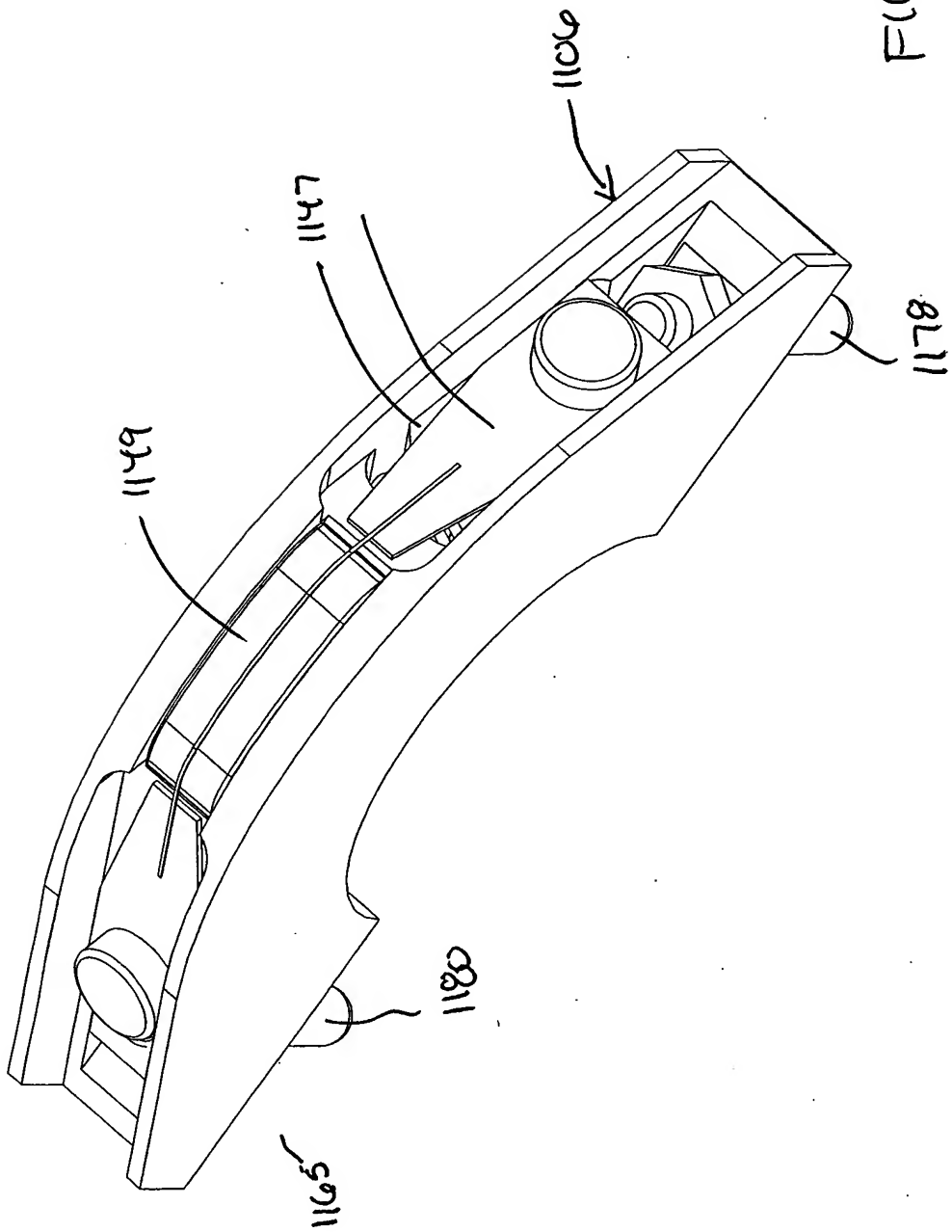


FIG. 162A





F(6-163

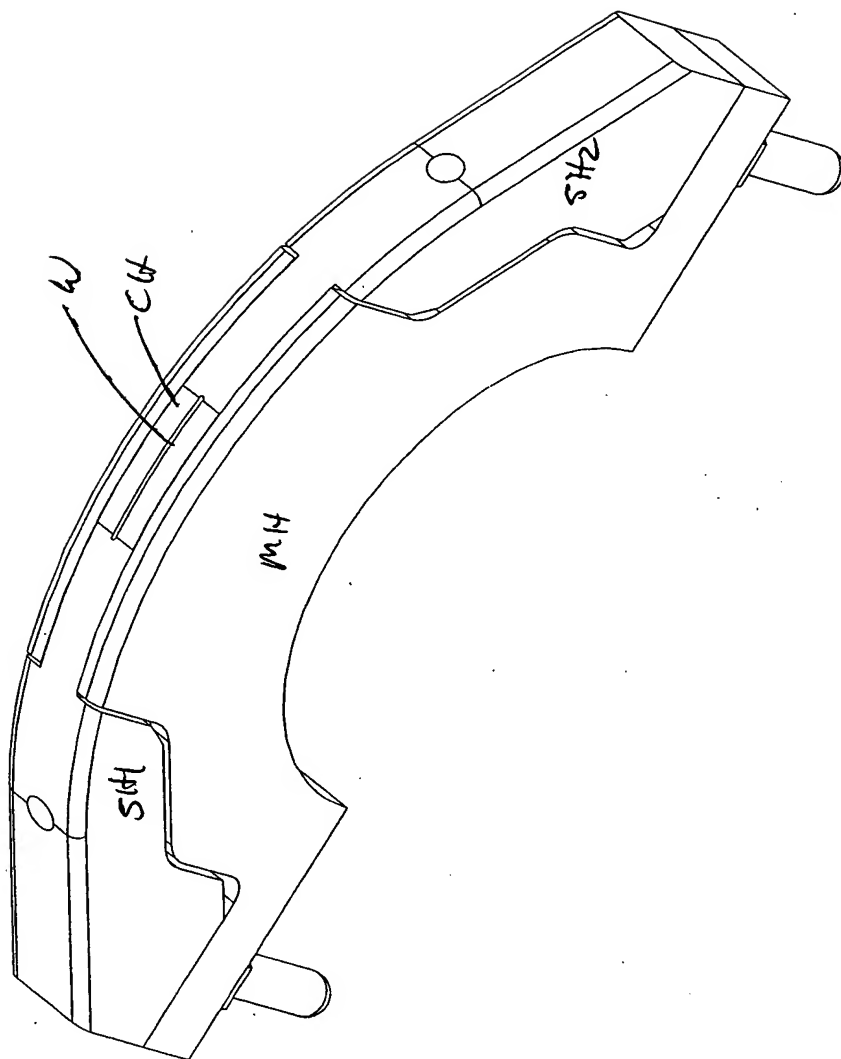


FIG. 163A

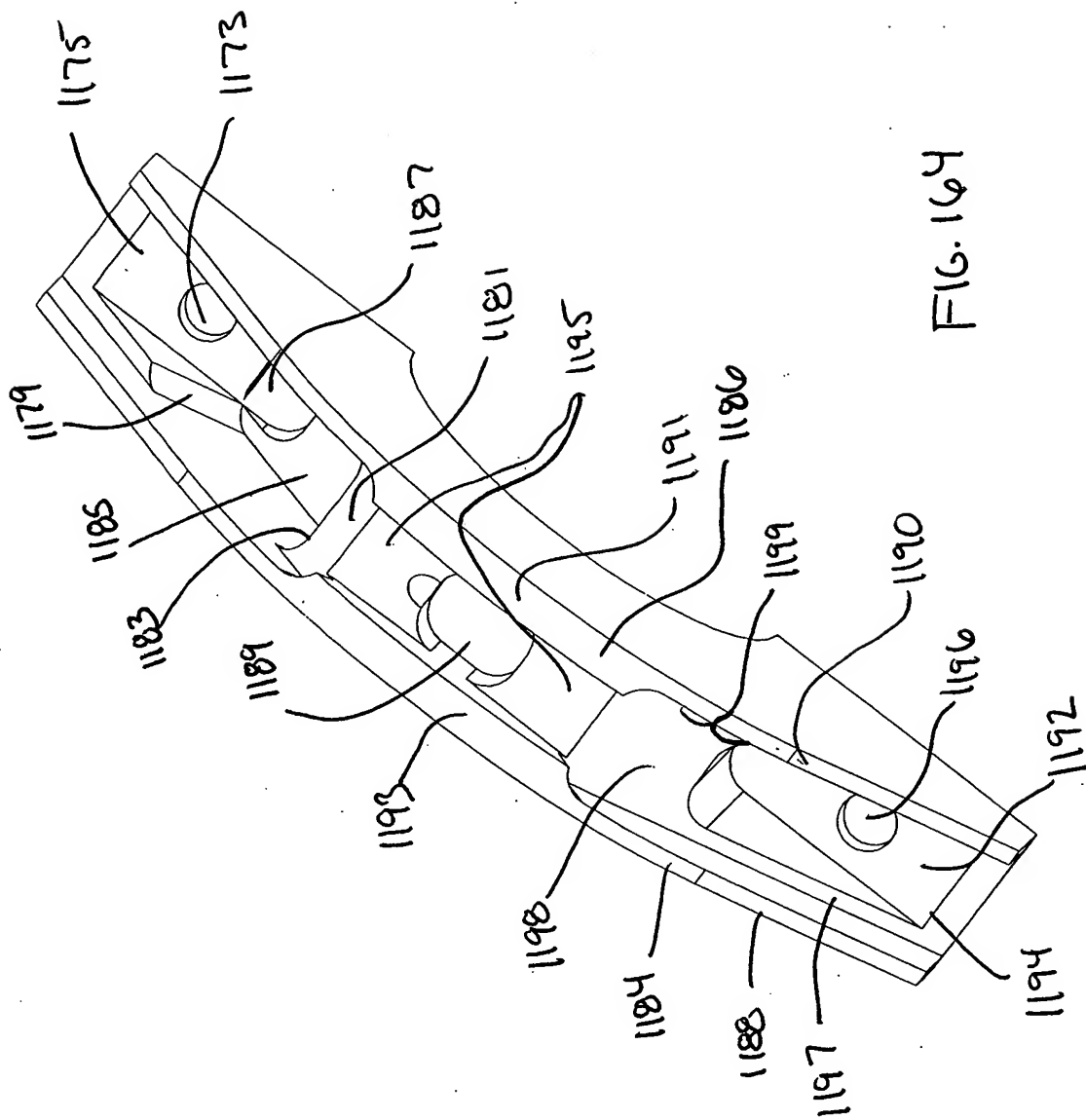


FIG. 164

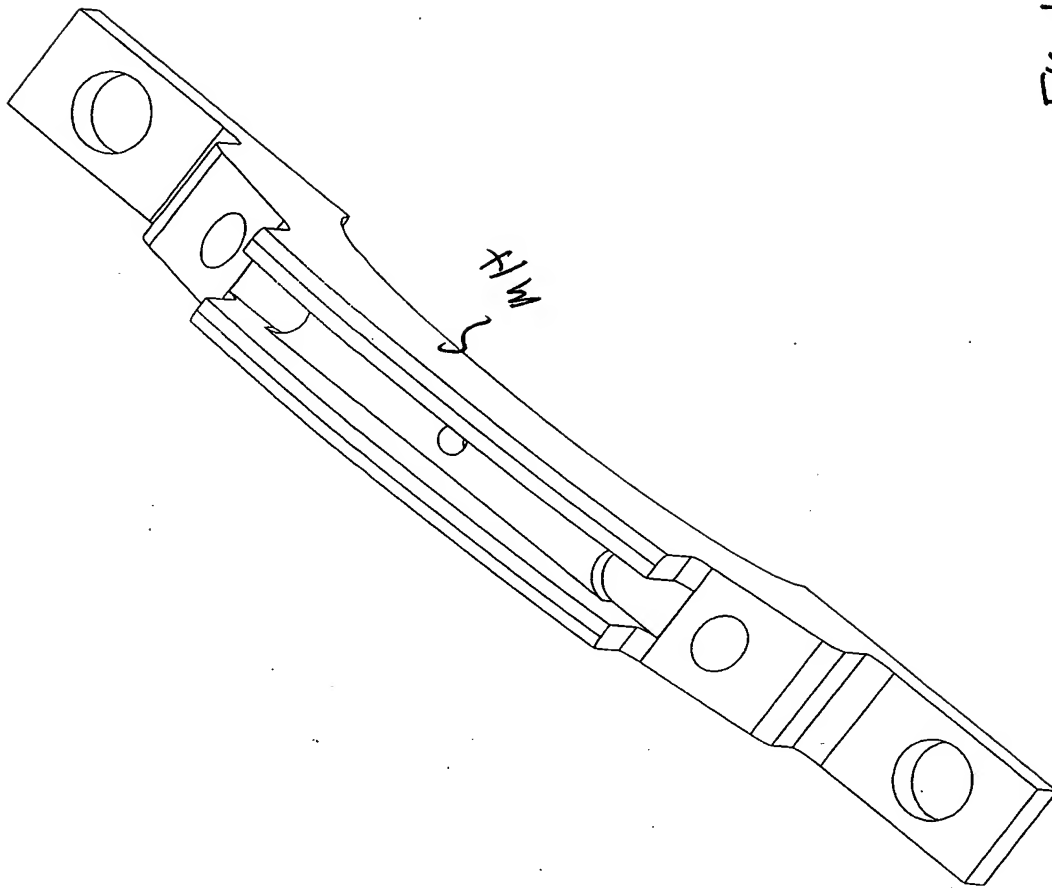


FIG. 164A



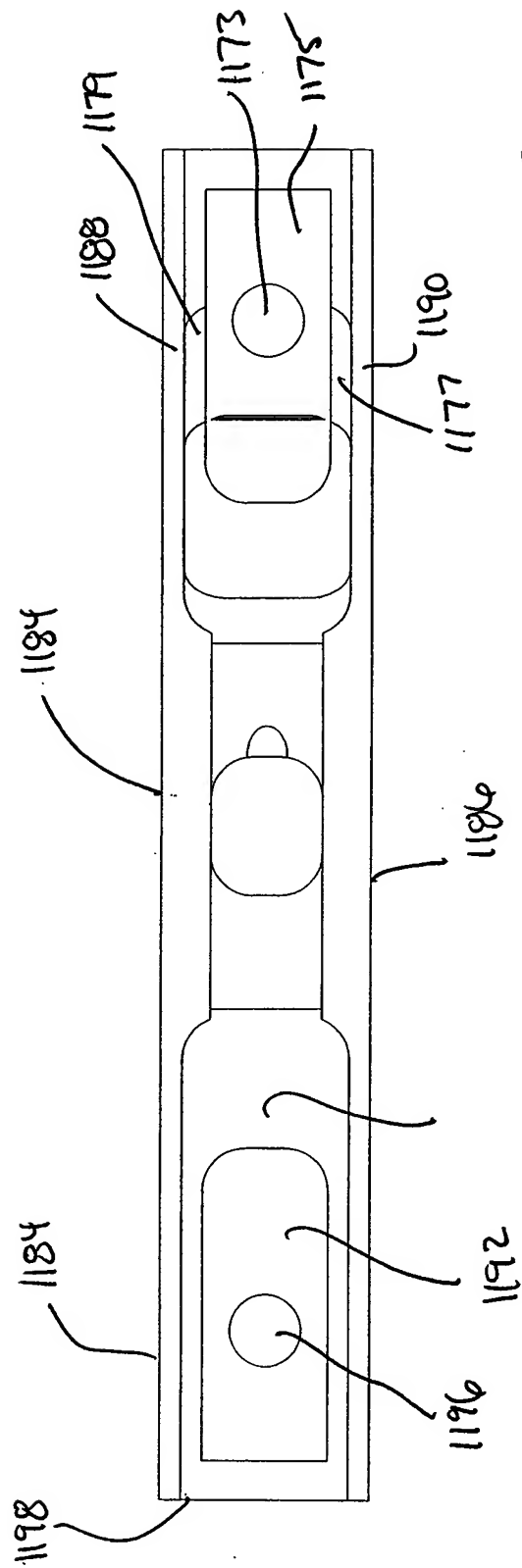


FIG. 165

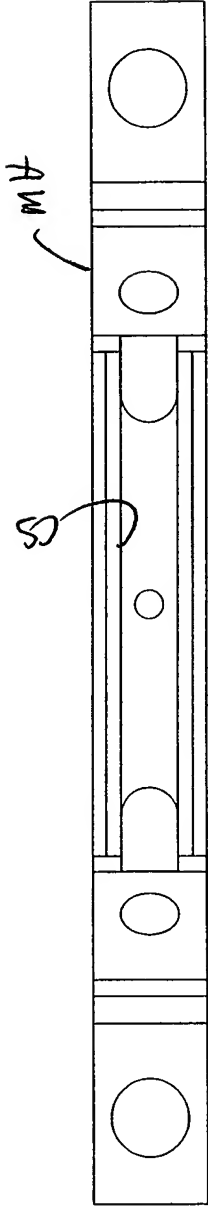


FIG. 165A

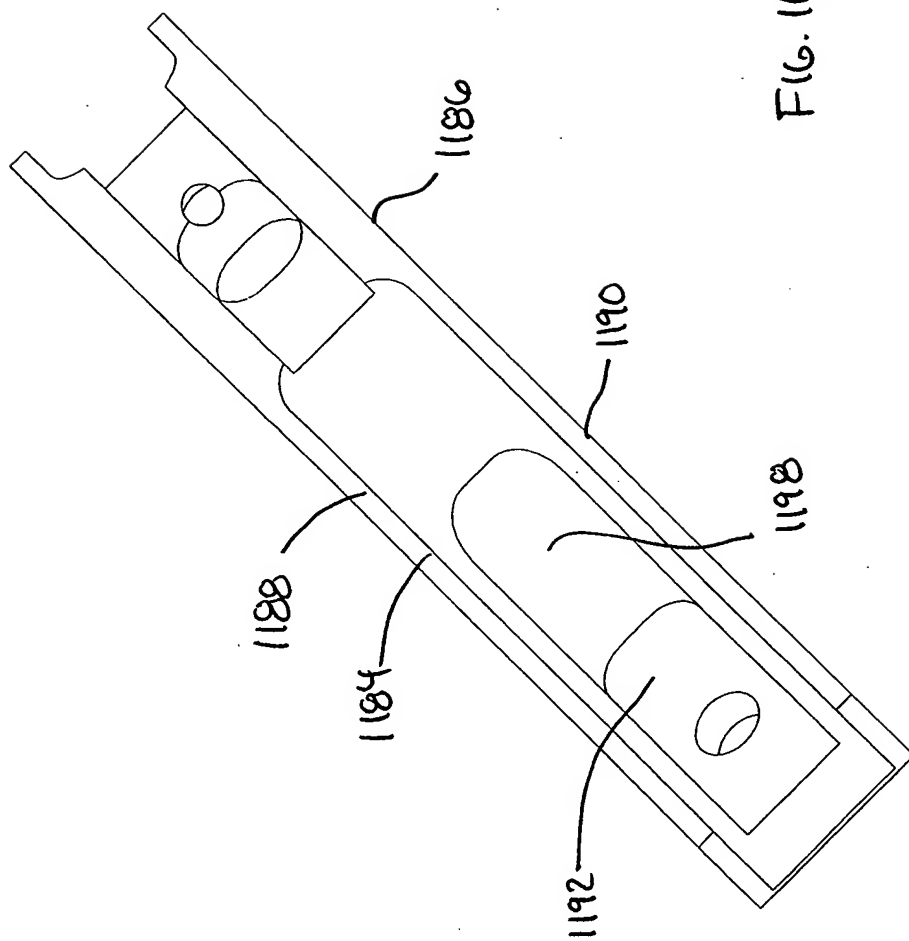


FIG. 166

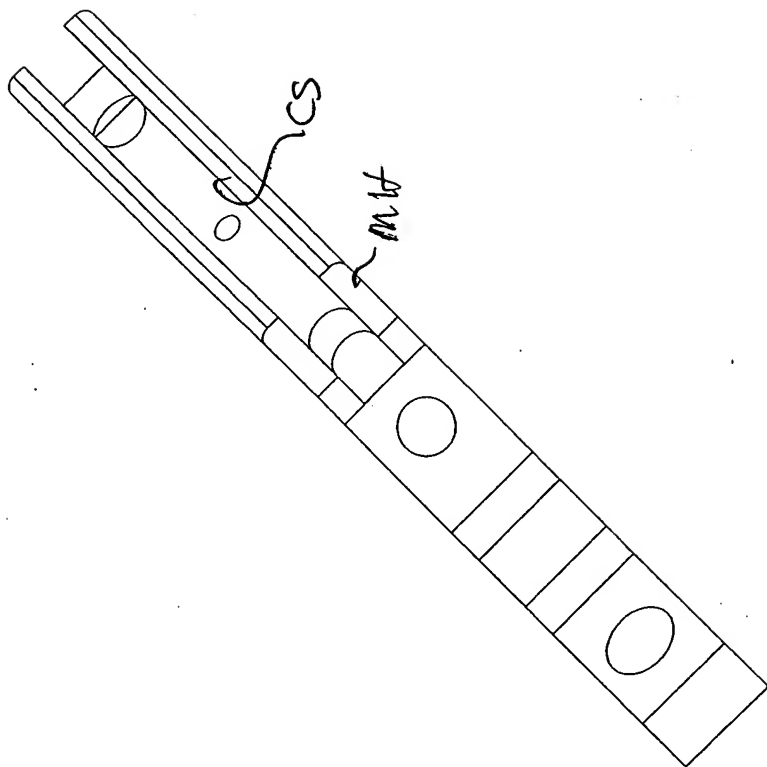


FIG. 166A

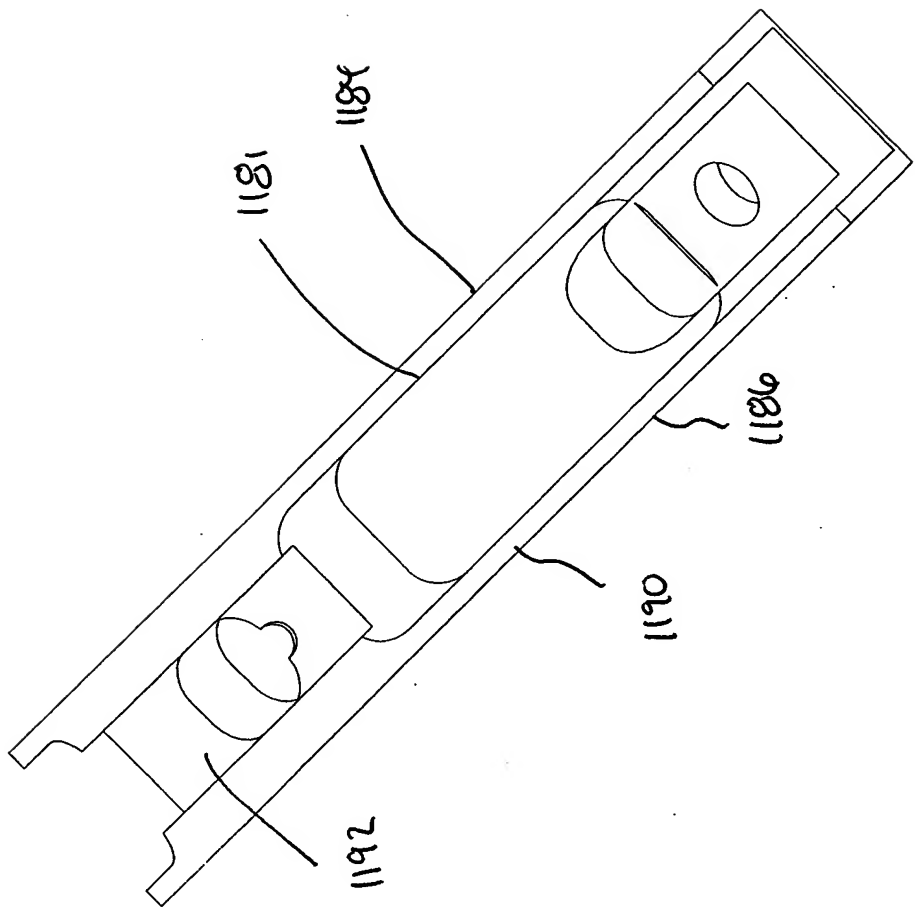


FIG. 167

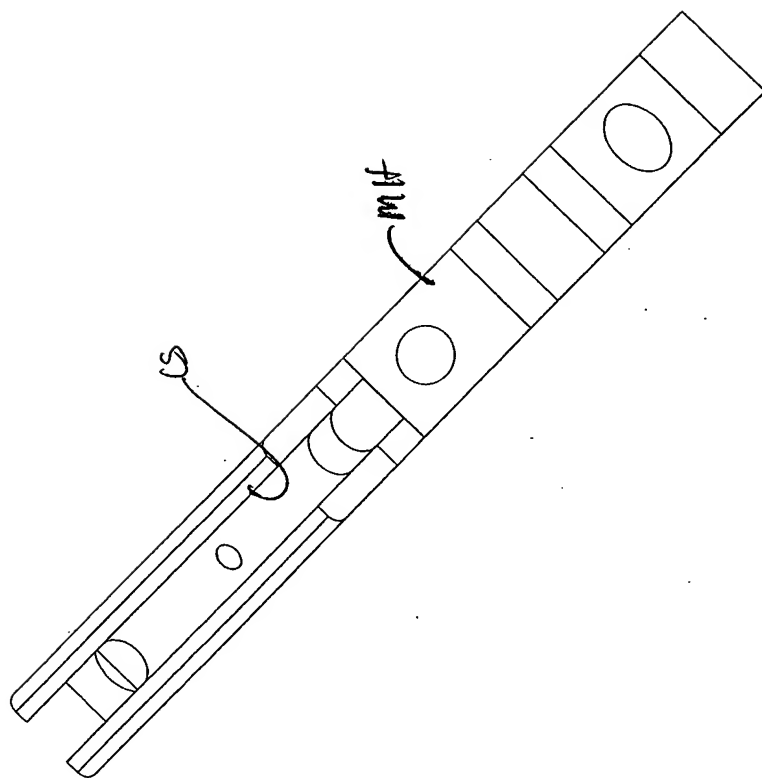
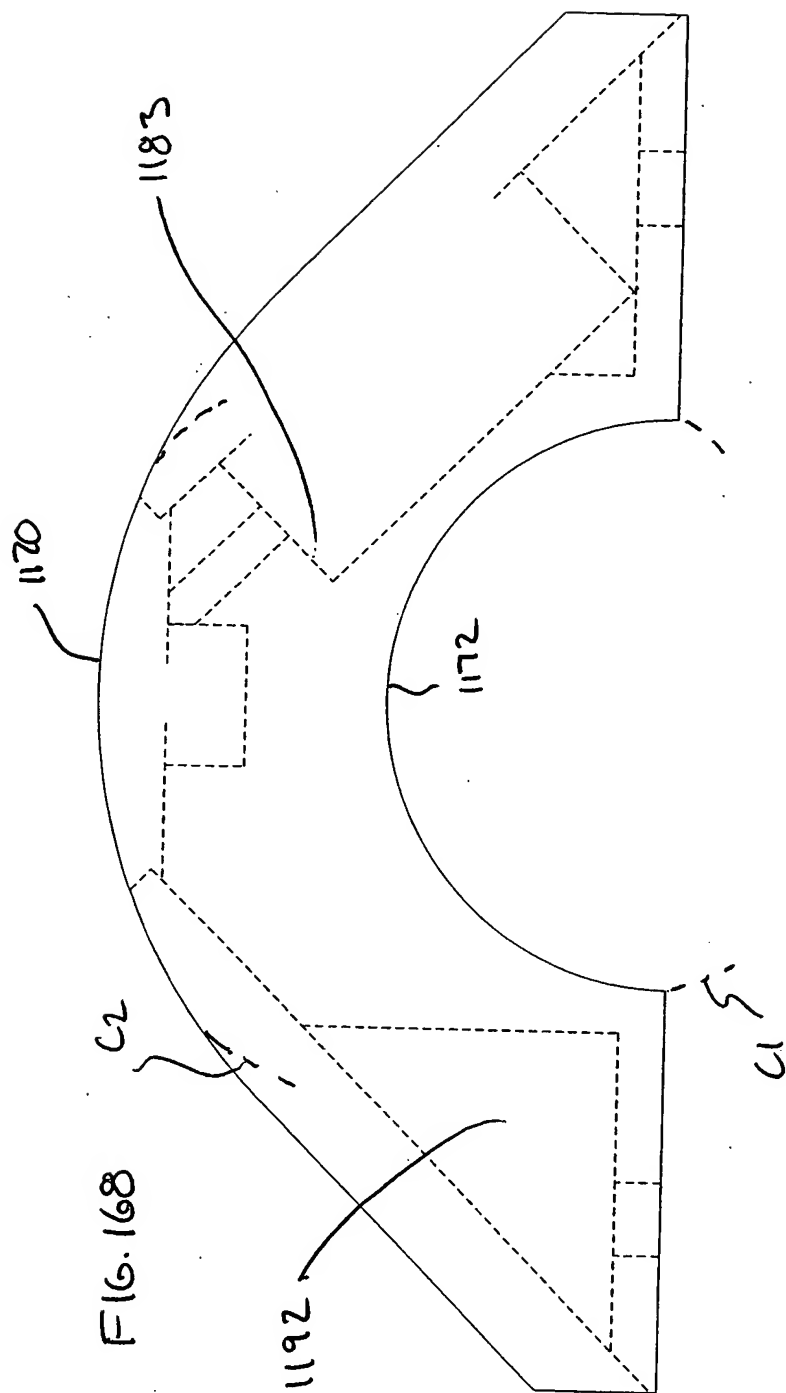


FIG. 16ZV



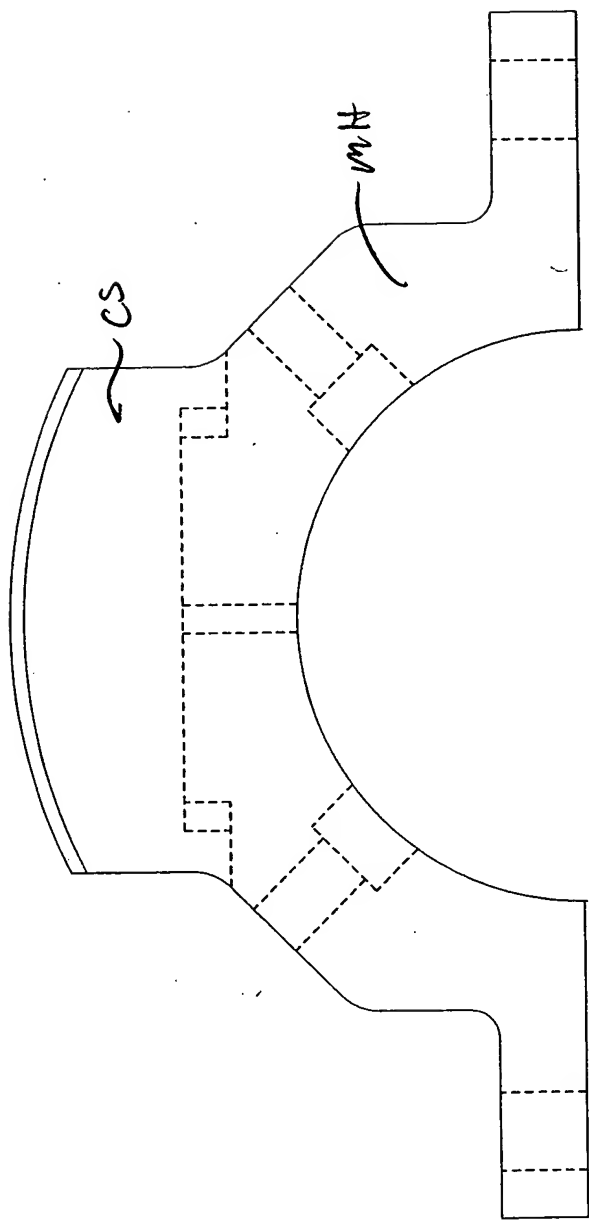
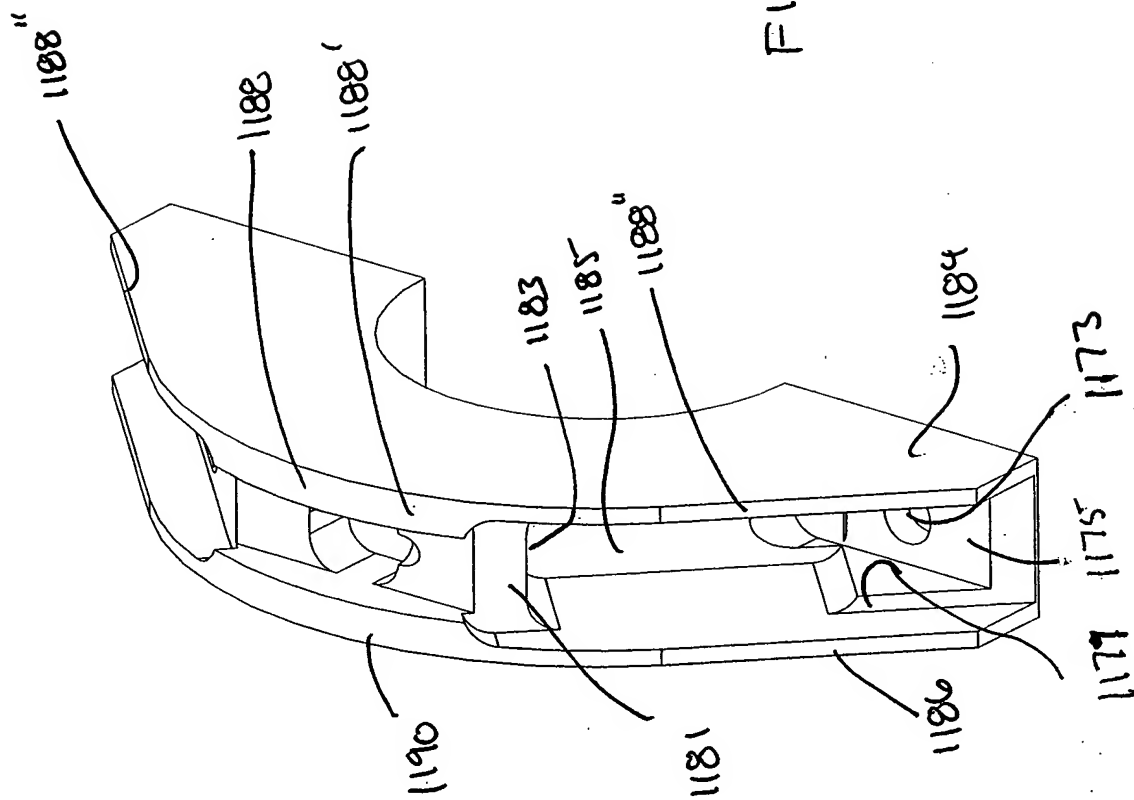


FIG. 1684





691-91E

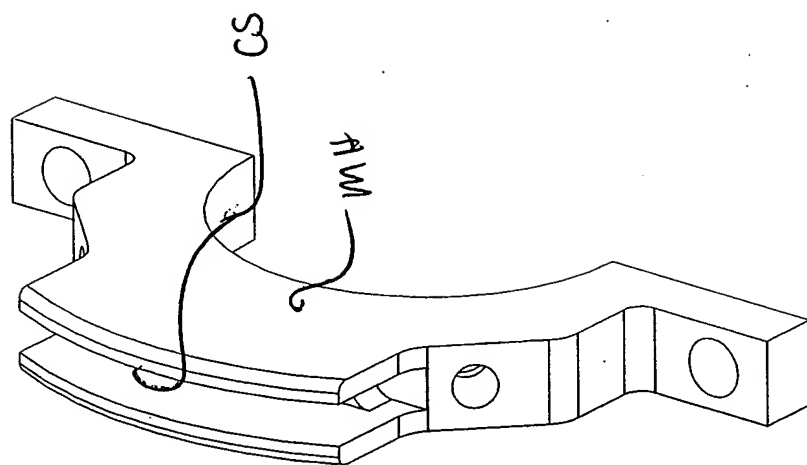
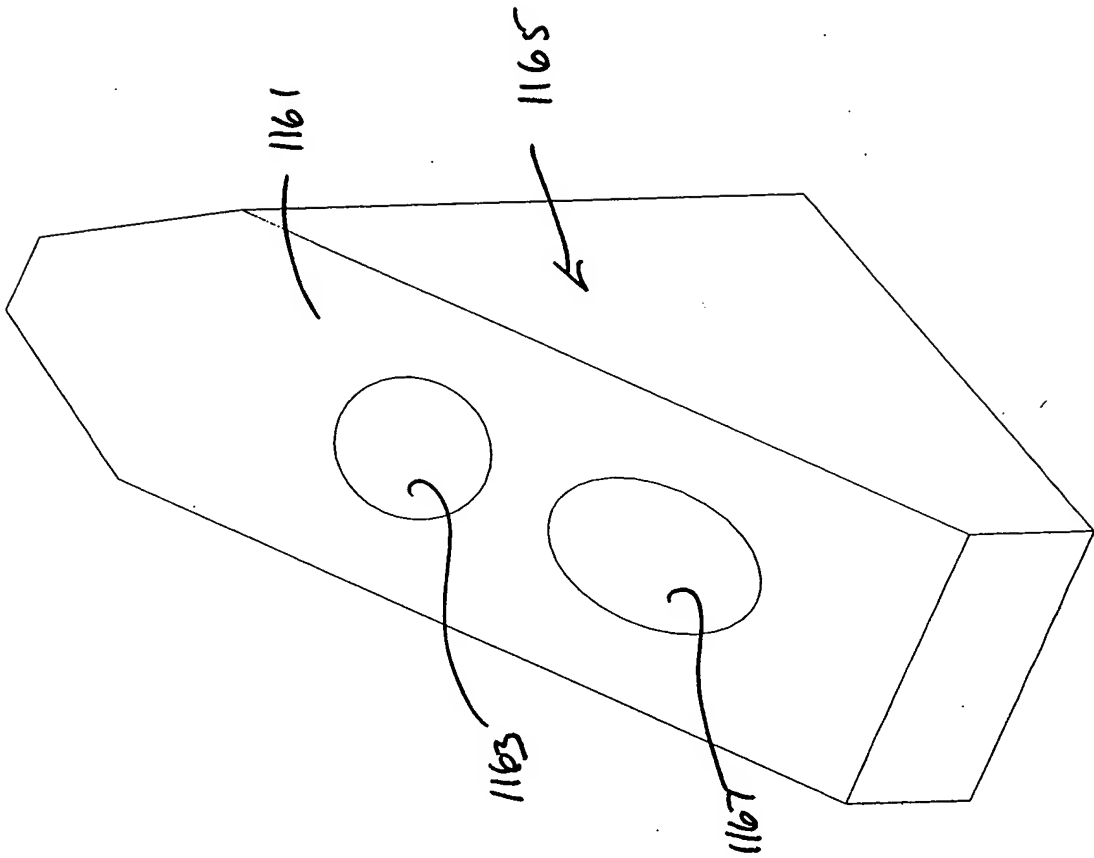


FIG. 169A

FIG. 170



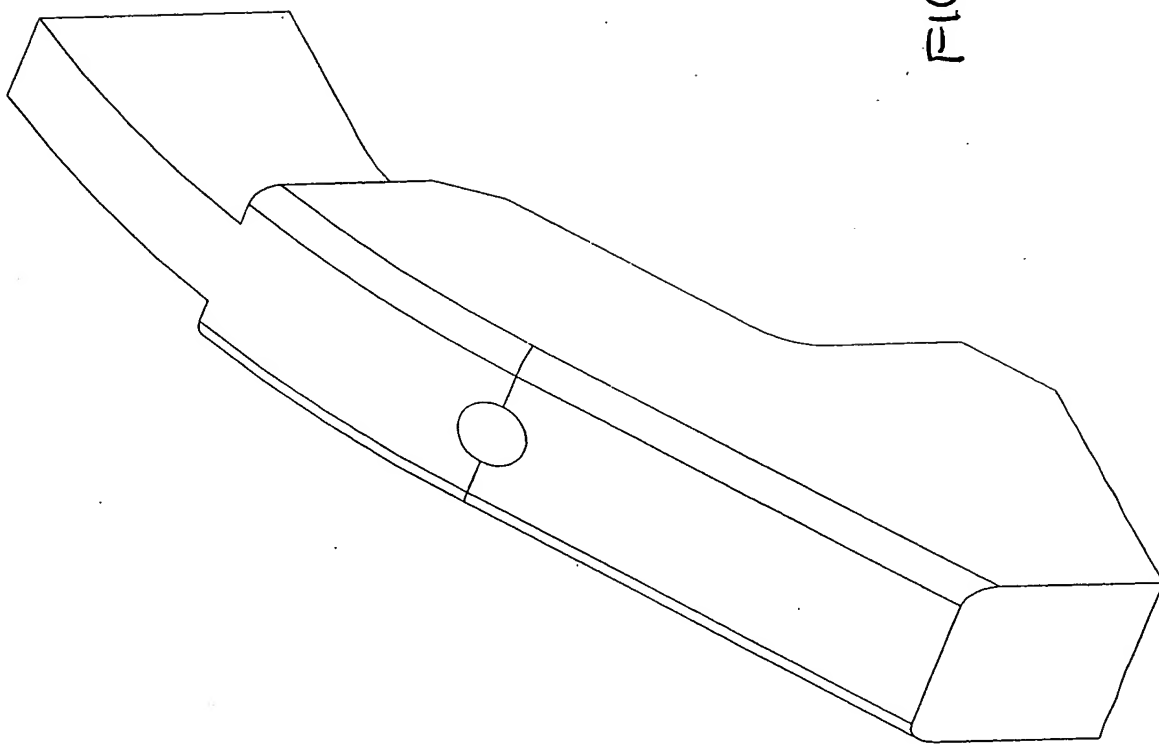


FIG. 170A

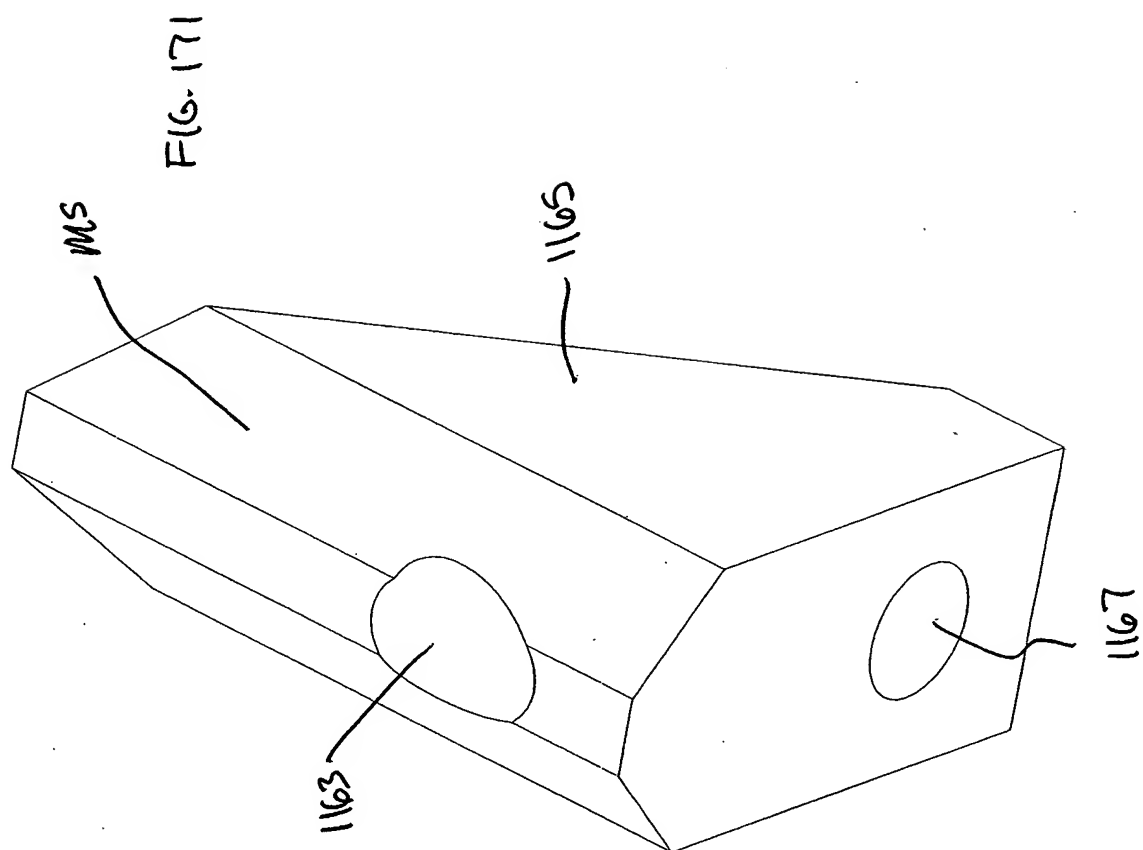
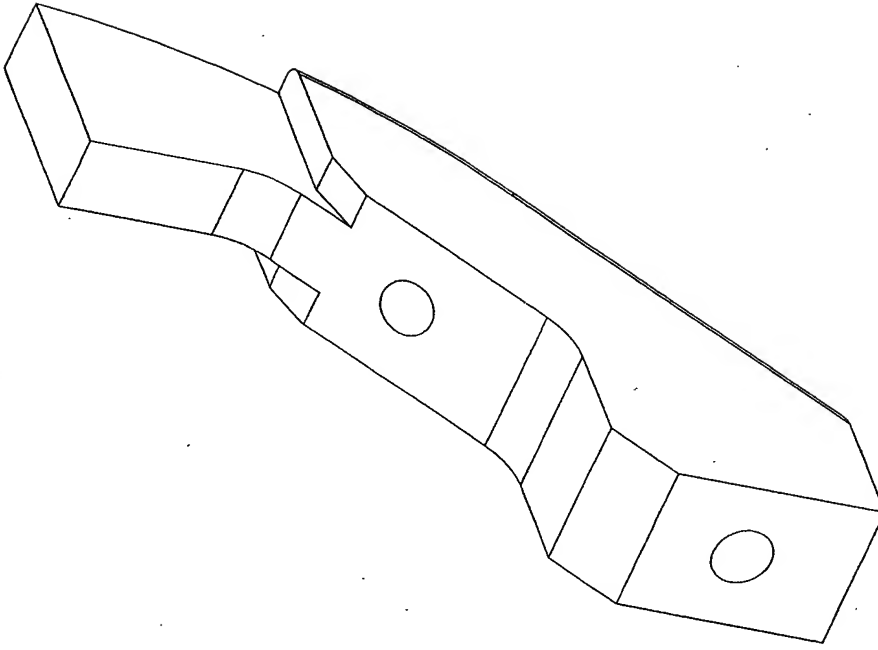


FIG. 171A



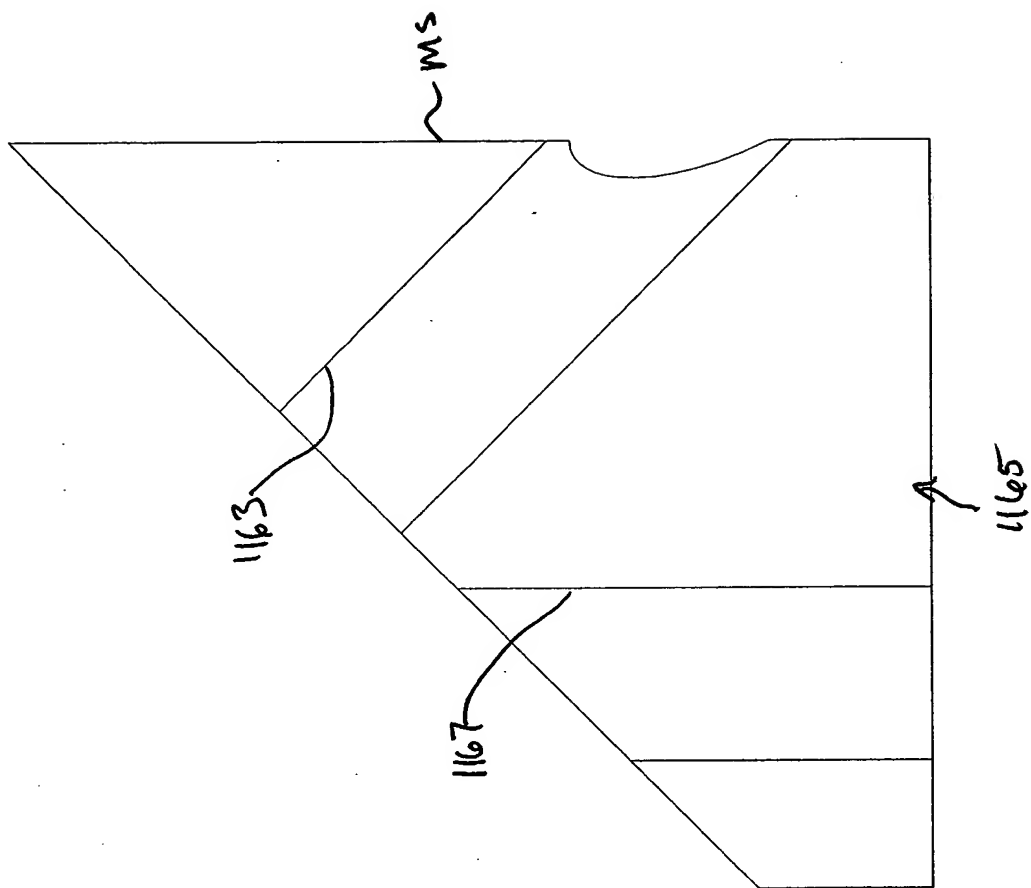


FIG. 172

FIG. 172A

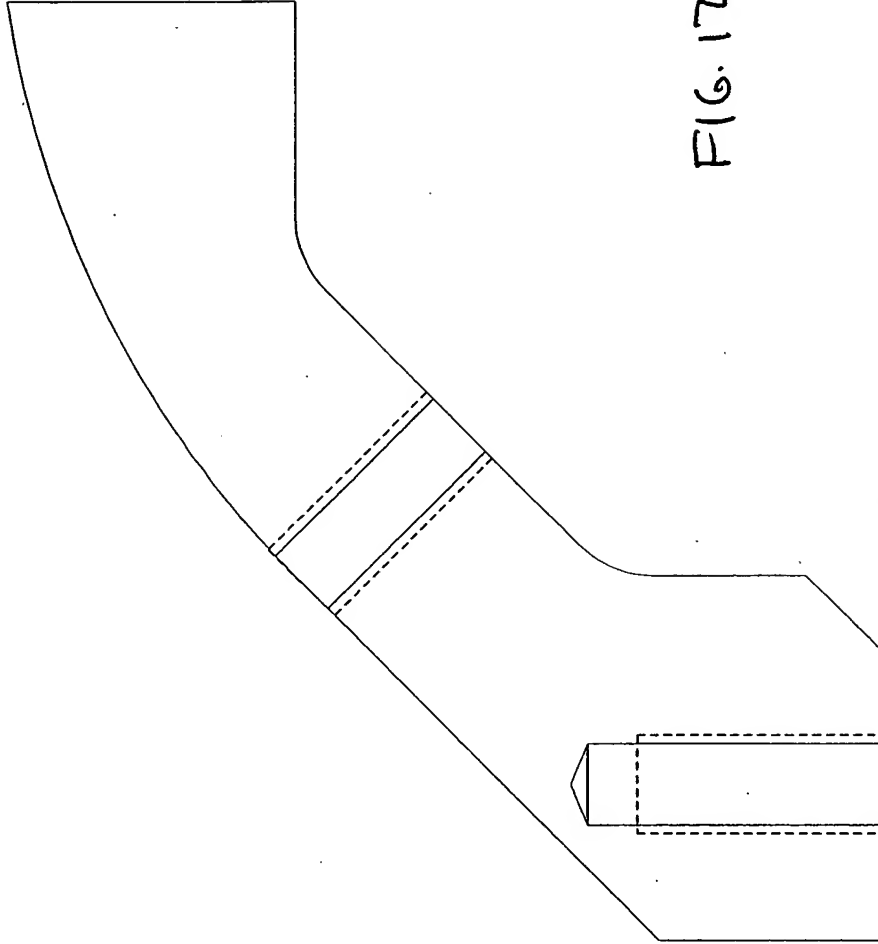
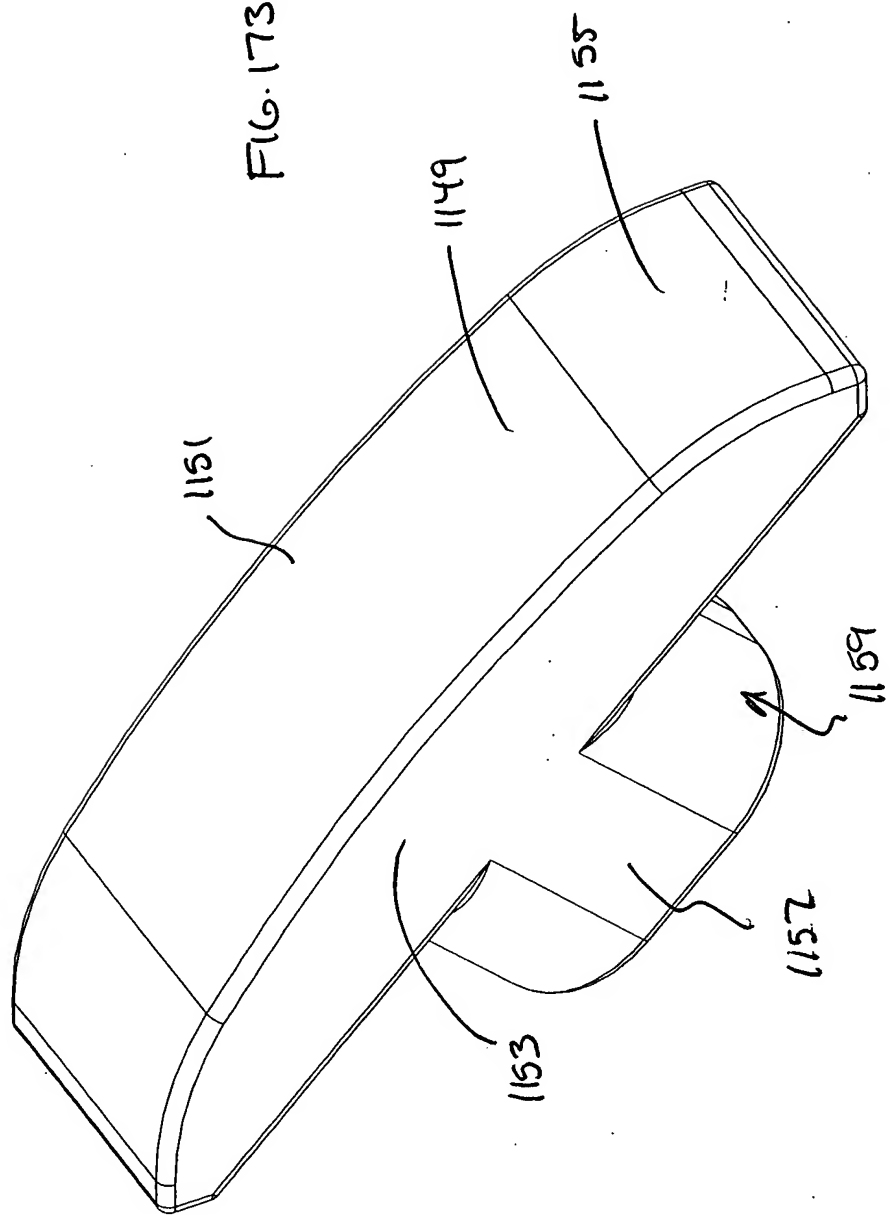
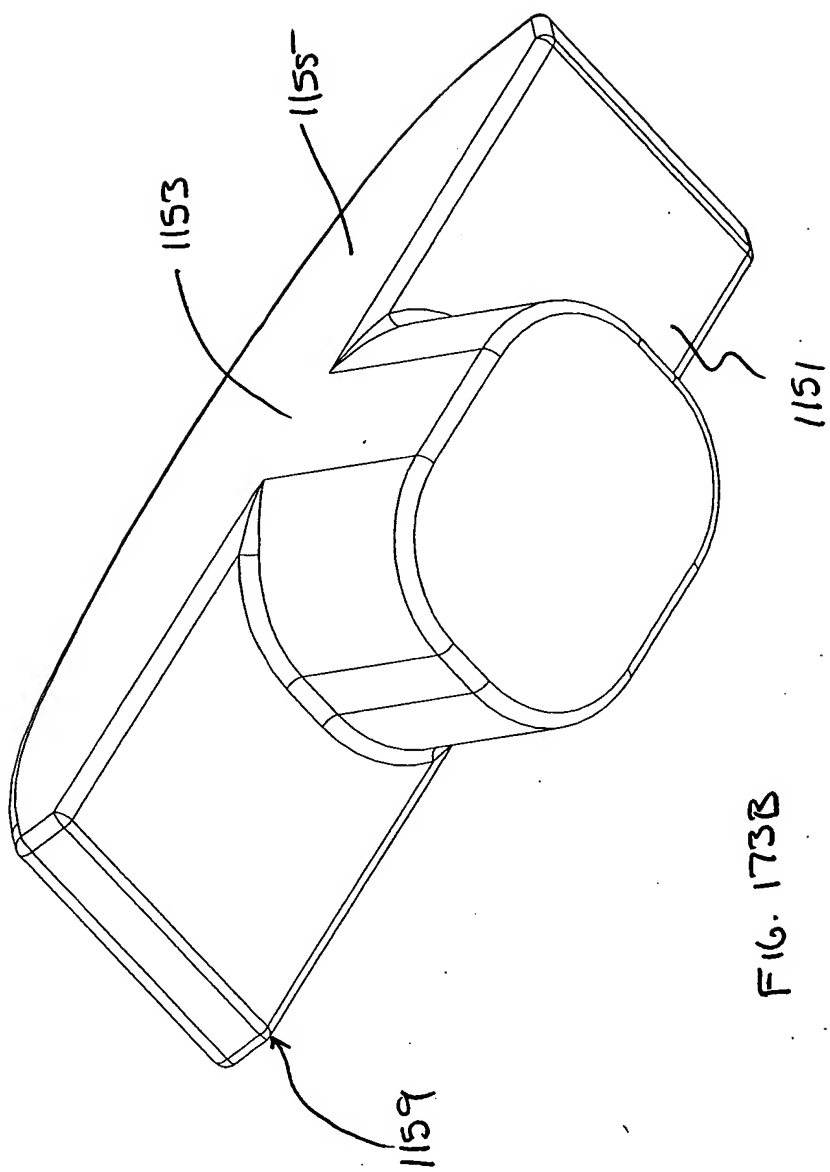




FIG. 173A





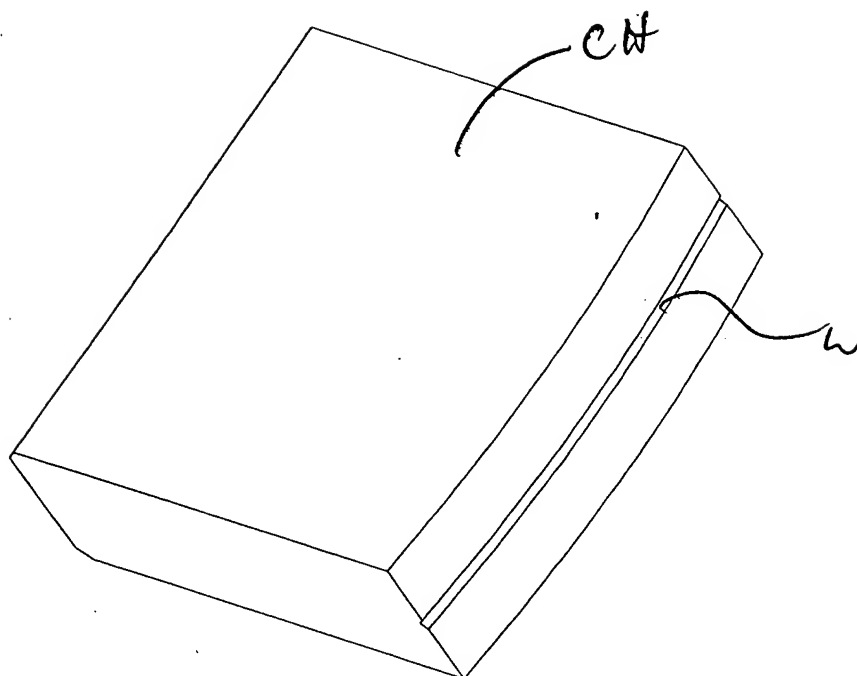


FIG. 173C

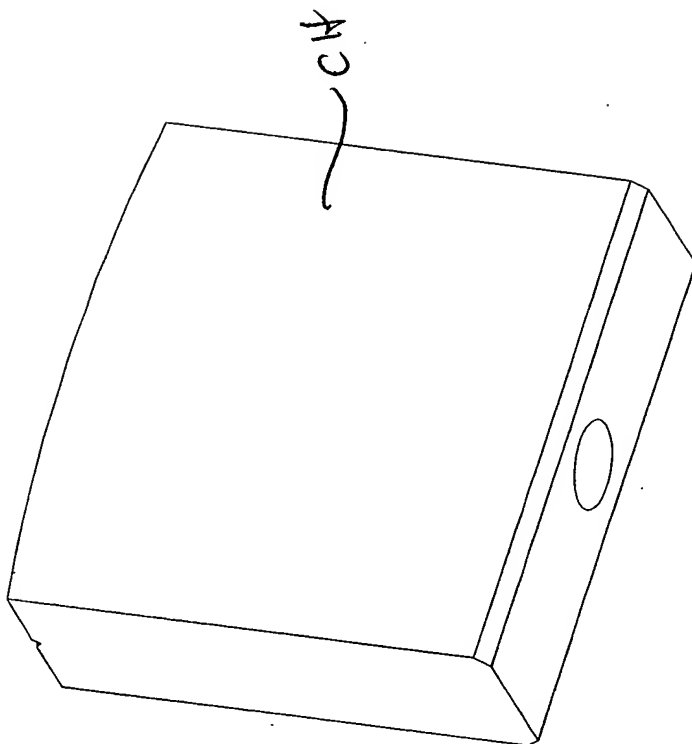
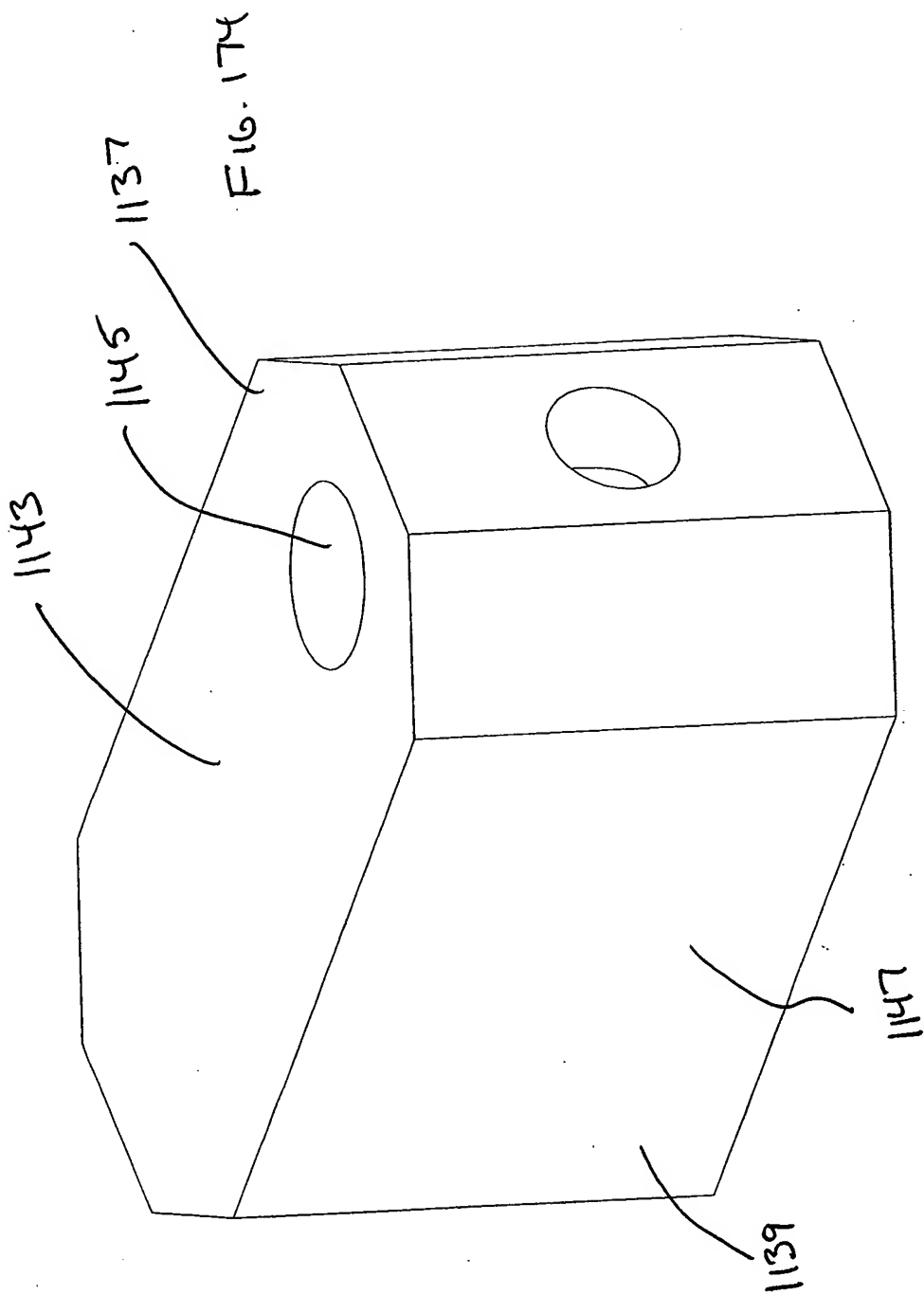


FIG. 173D



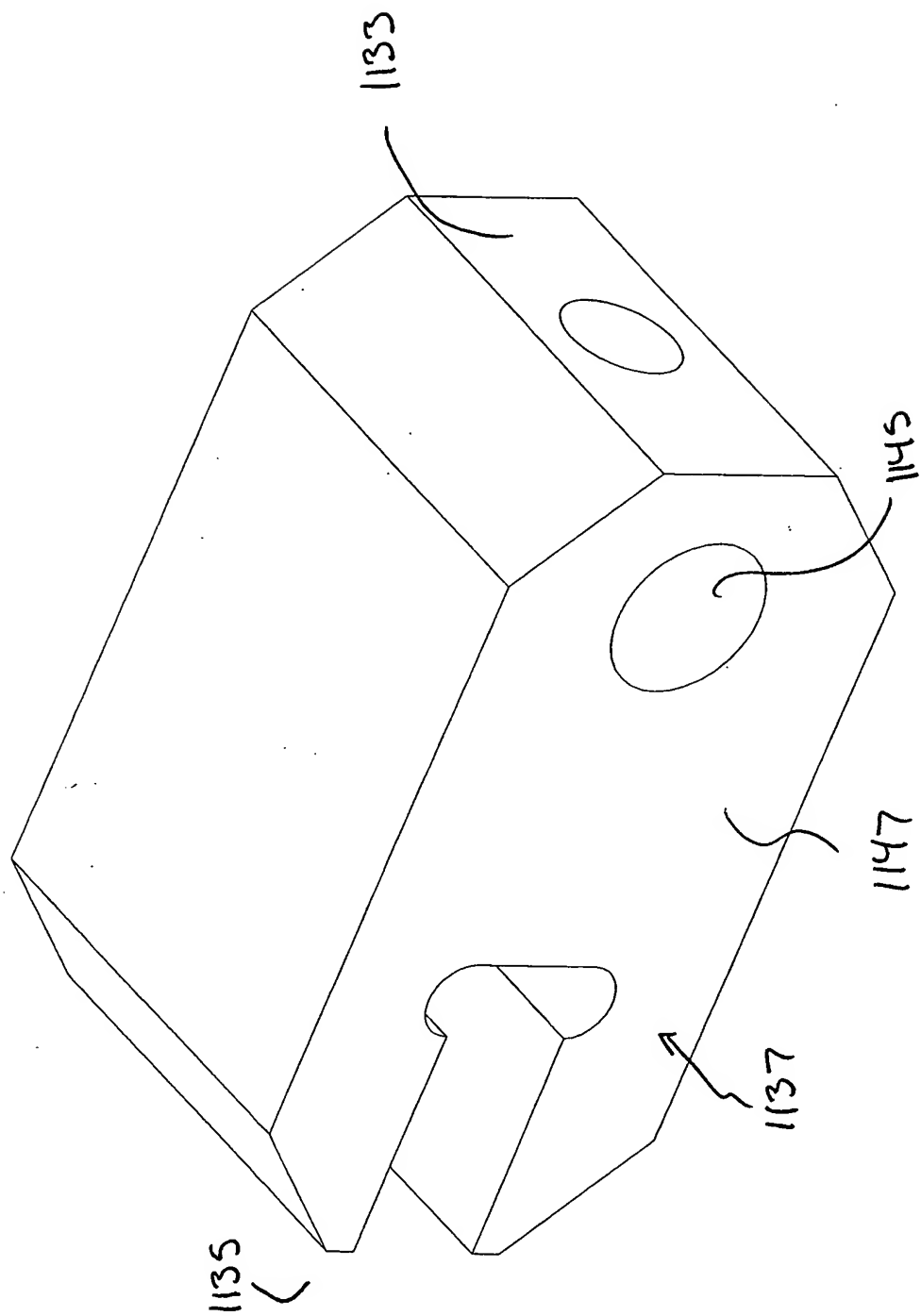
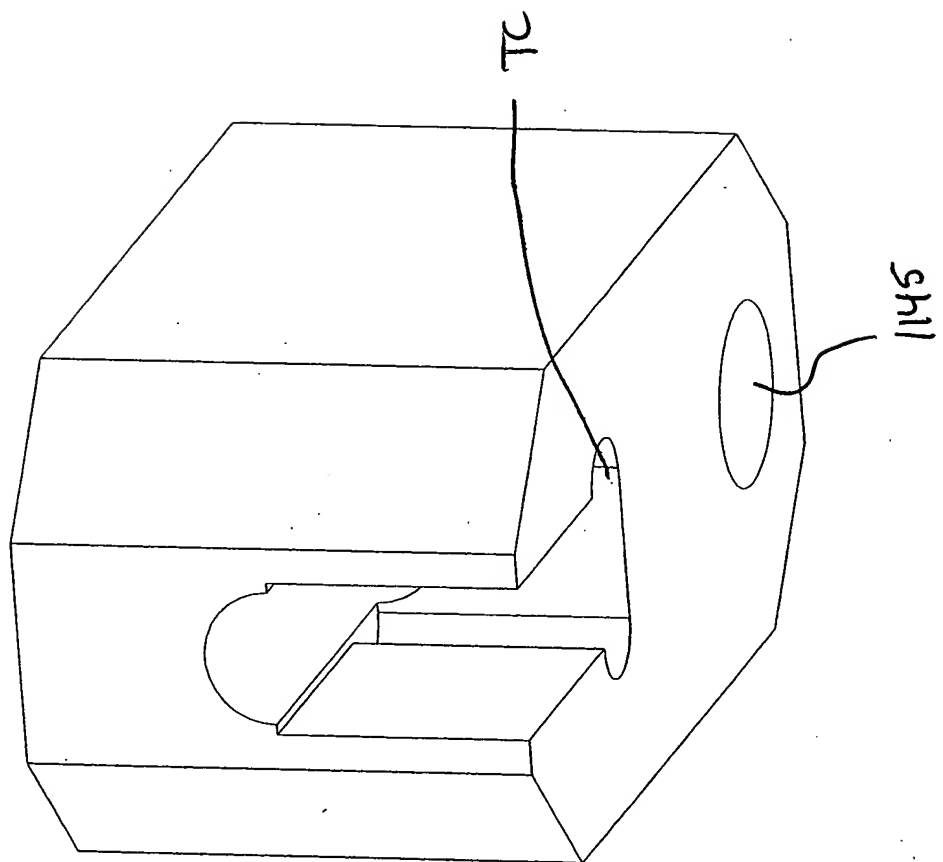


FIG. 175

FIG. 17C



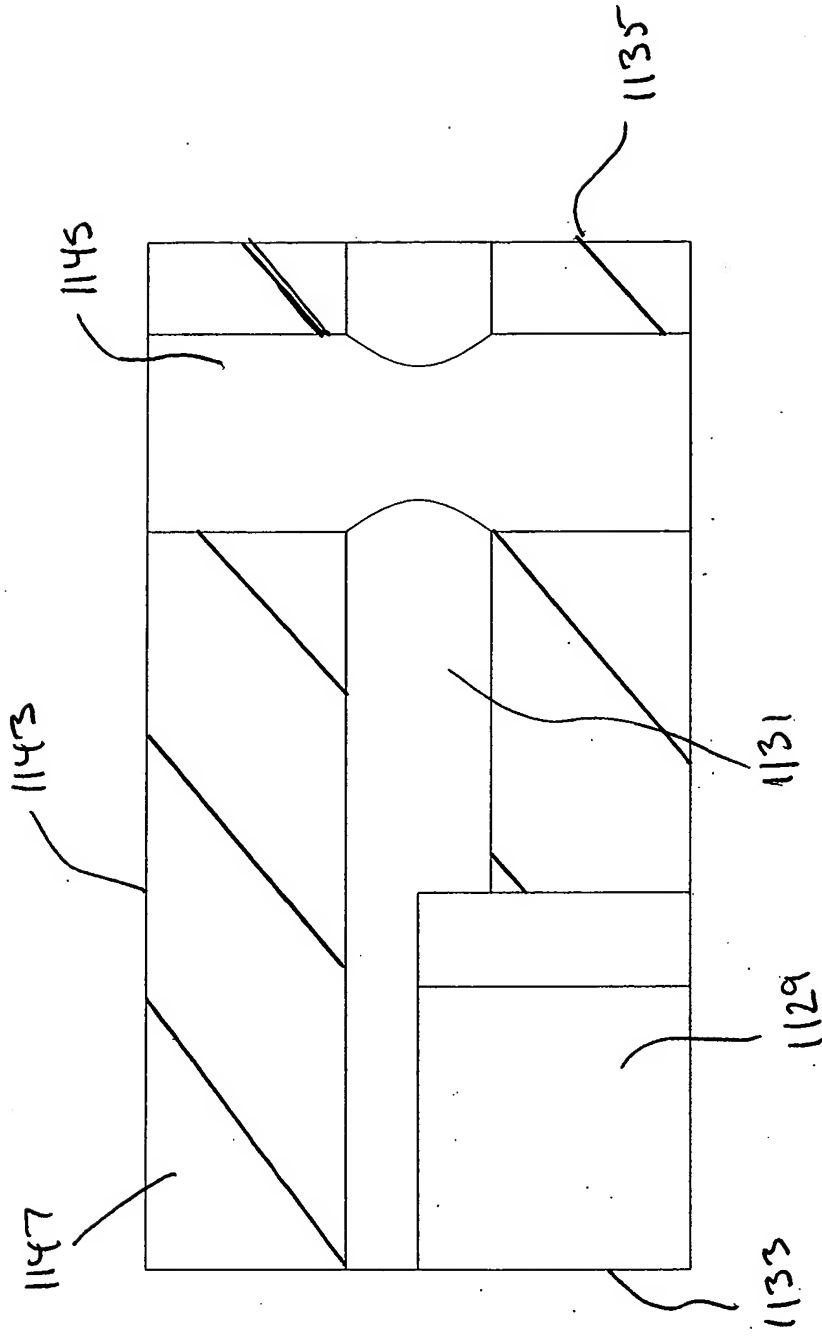


FIG. 177



1113(III)

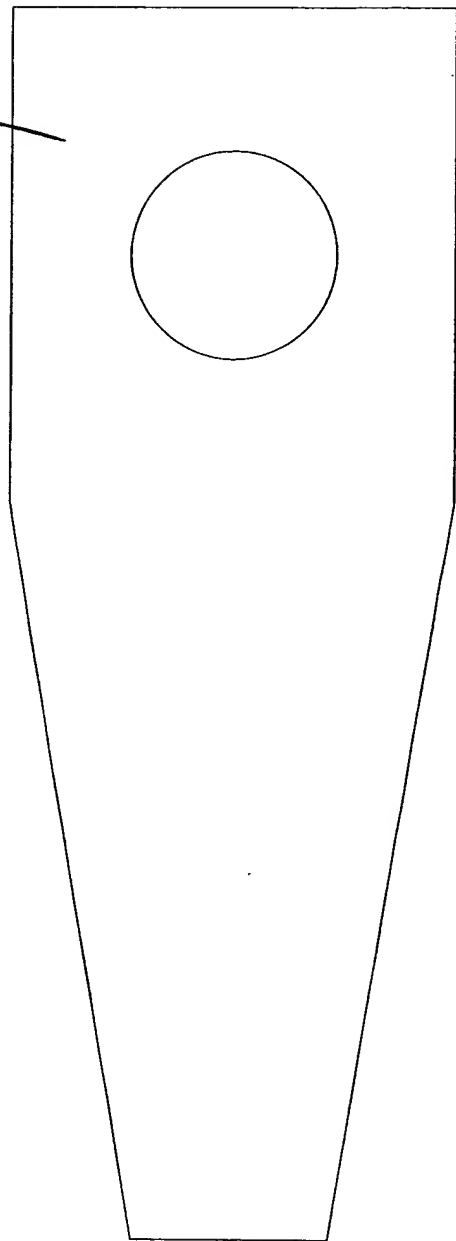


FIG. 178

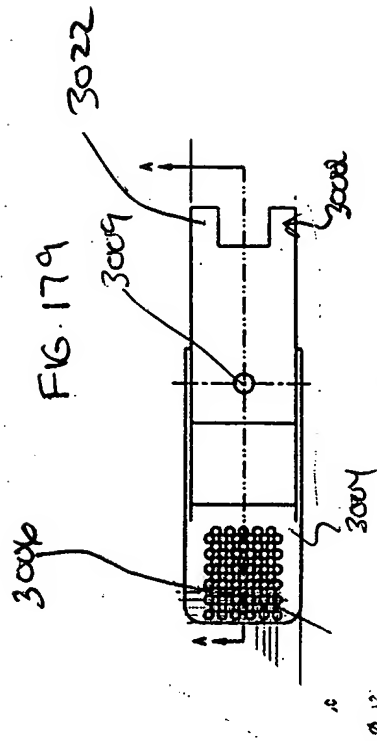


FIG. 179

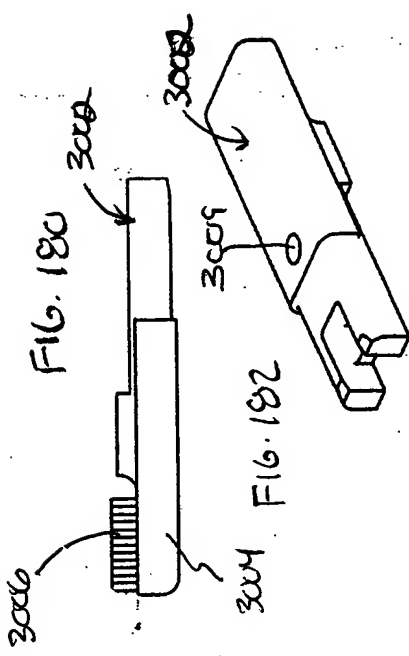


FIG. 180

FIG. 182

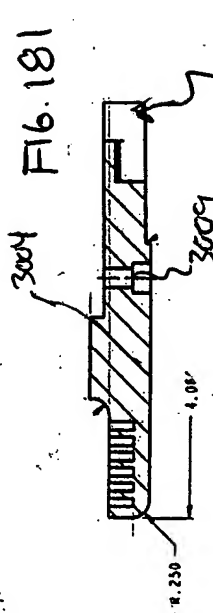


FIG. 181

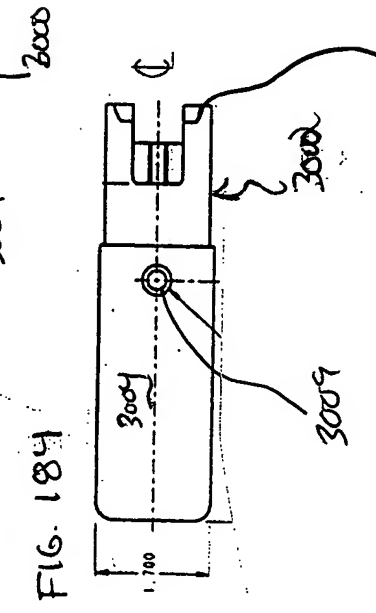


FIG. 184

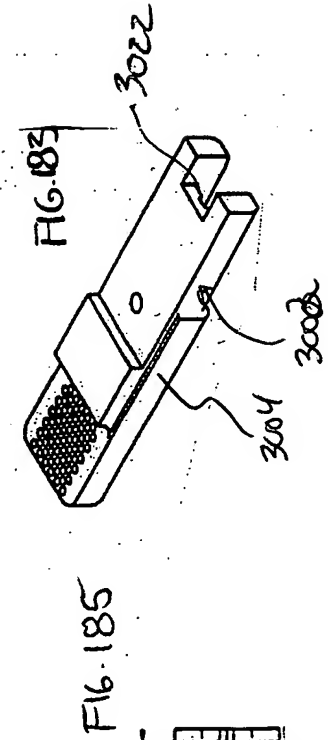


FIG. 183

FIG. 185

FIG. 186

FIG. 186

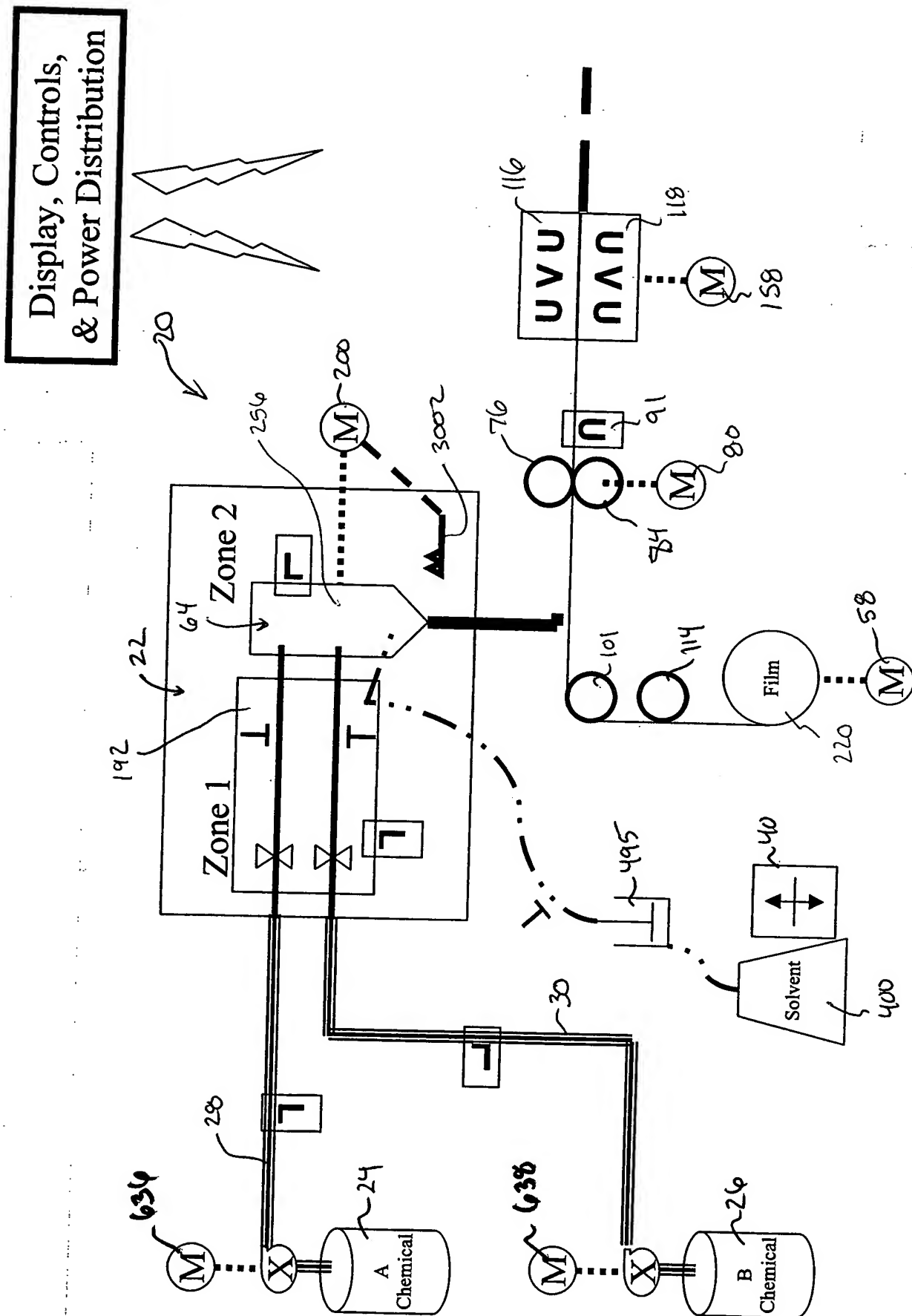




FIG. 186A

# Legend


 = Motor

 = Linkage

 = Pump

 = Pump Shaft/Hose

 = Heating element (all orientations)

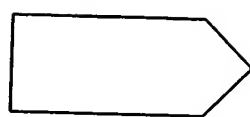
 = Filter

 = Pressure Transducer (all orientations)

 = Tip Cleaning Brush


 = Solvent Pump

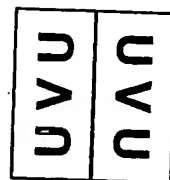
 = Level Sensor

 = Mixing Module +

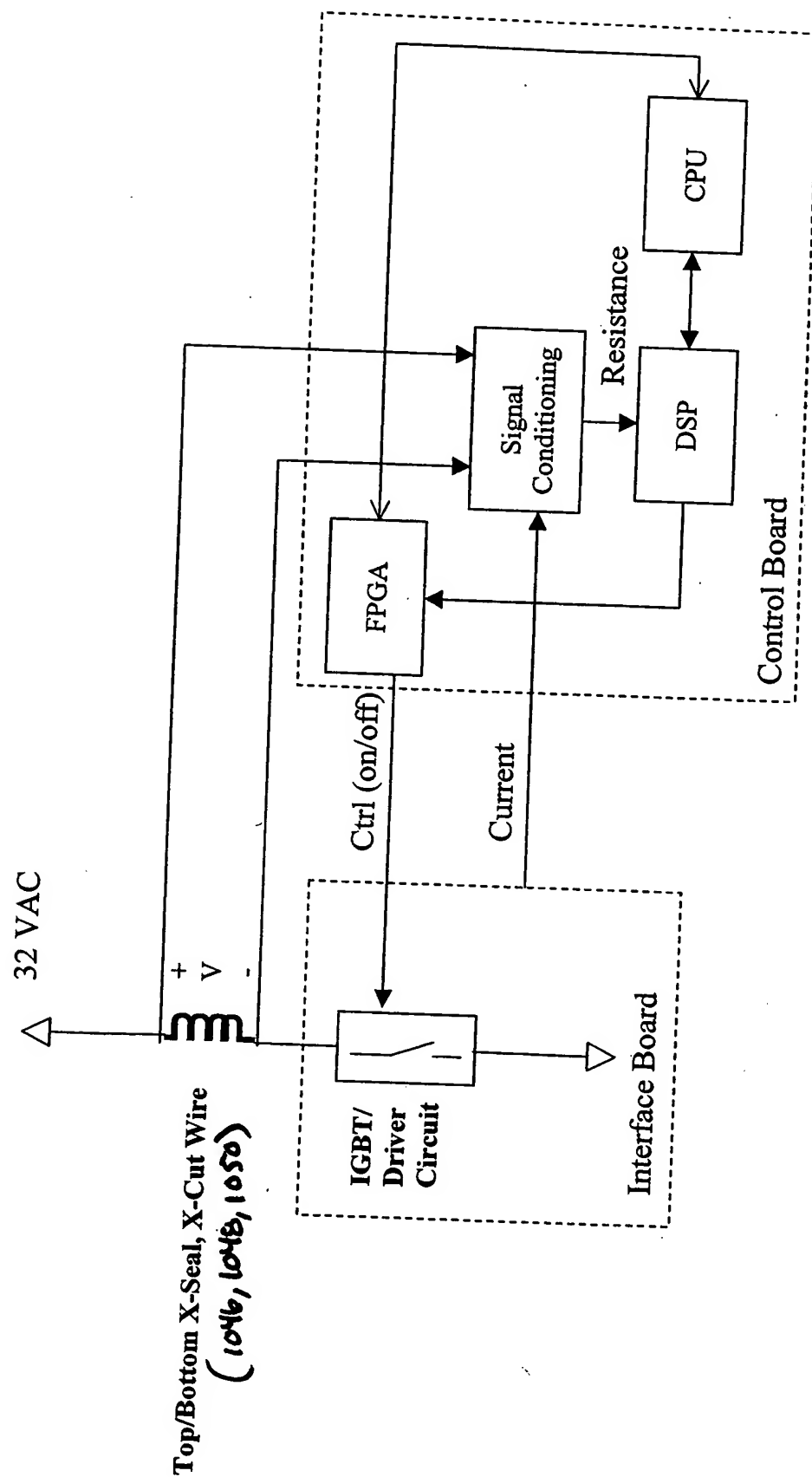
 = Idle Roller

 = Nip Rollers

 = Edge Seal Wire

 = Jaw Assembly  
(X-seal, X-cut,  
X-seal)

# Top/Bottom X-Seal, X-cut



# Edge Seal

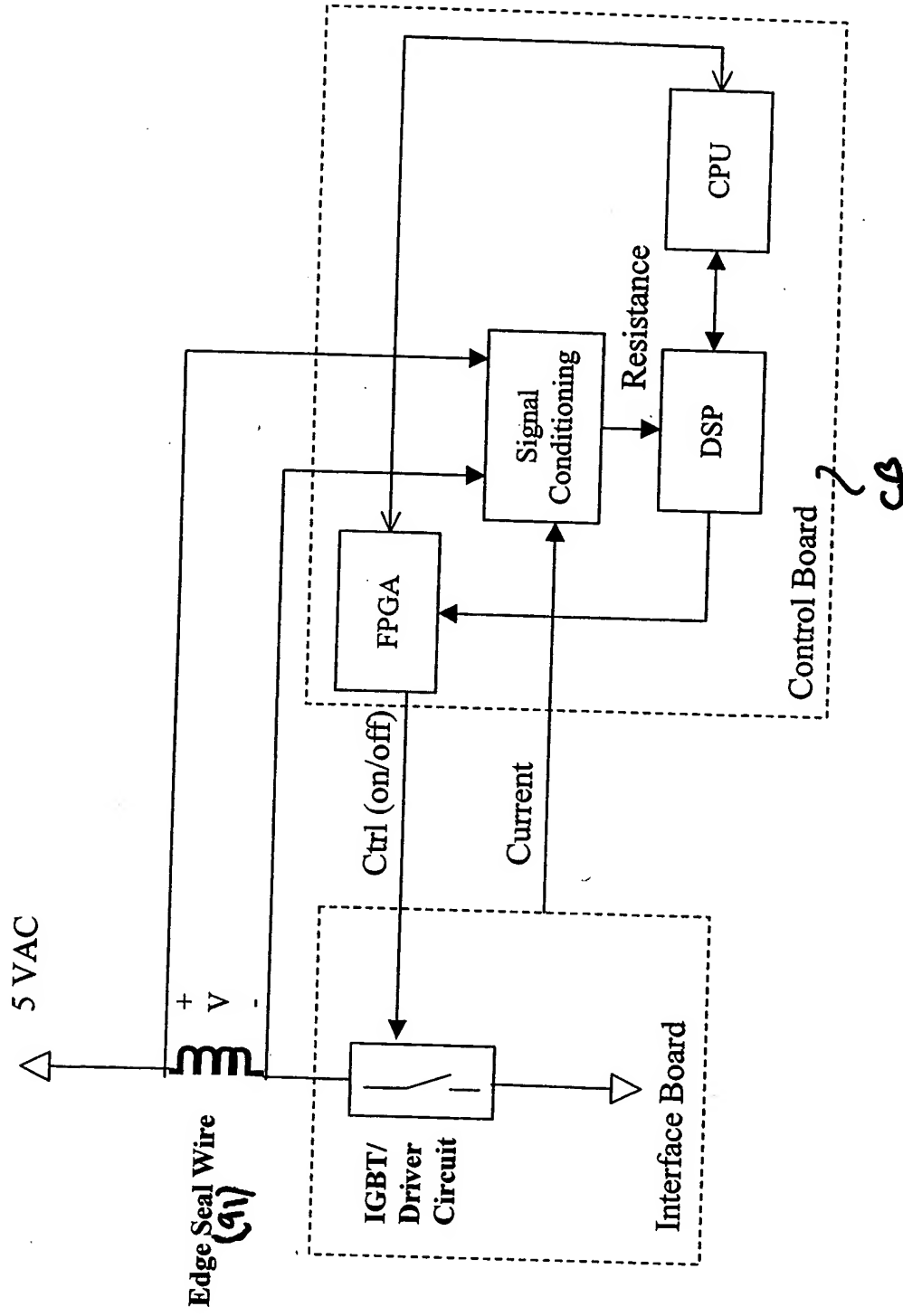


FIG. 188

# Moving Jaw

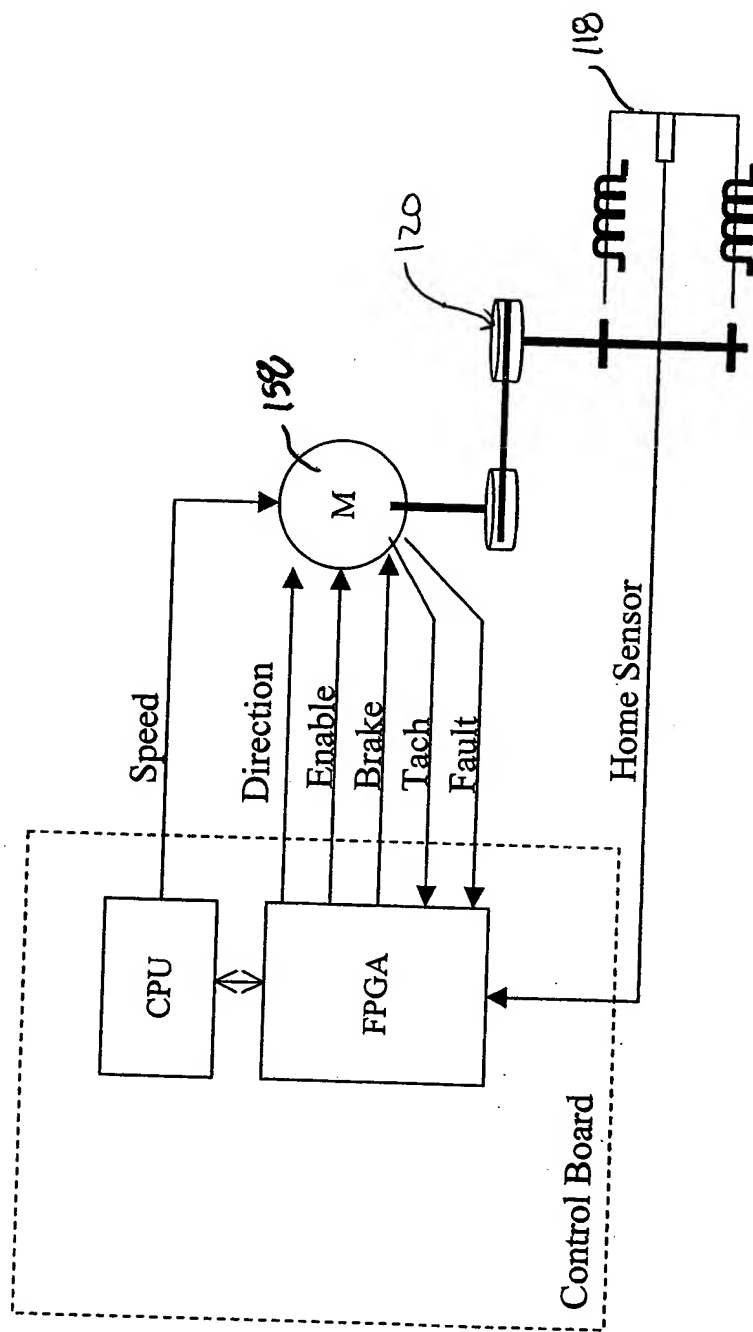


FIG. 189

# Chemical Dispensing/Tip Cleaning

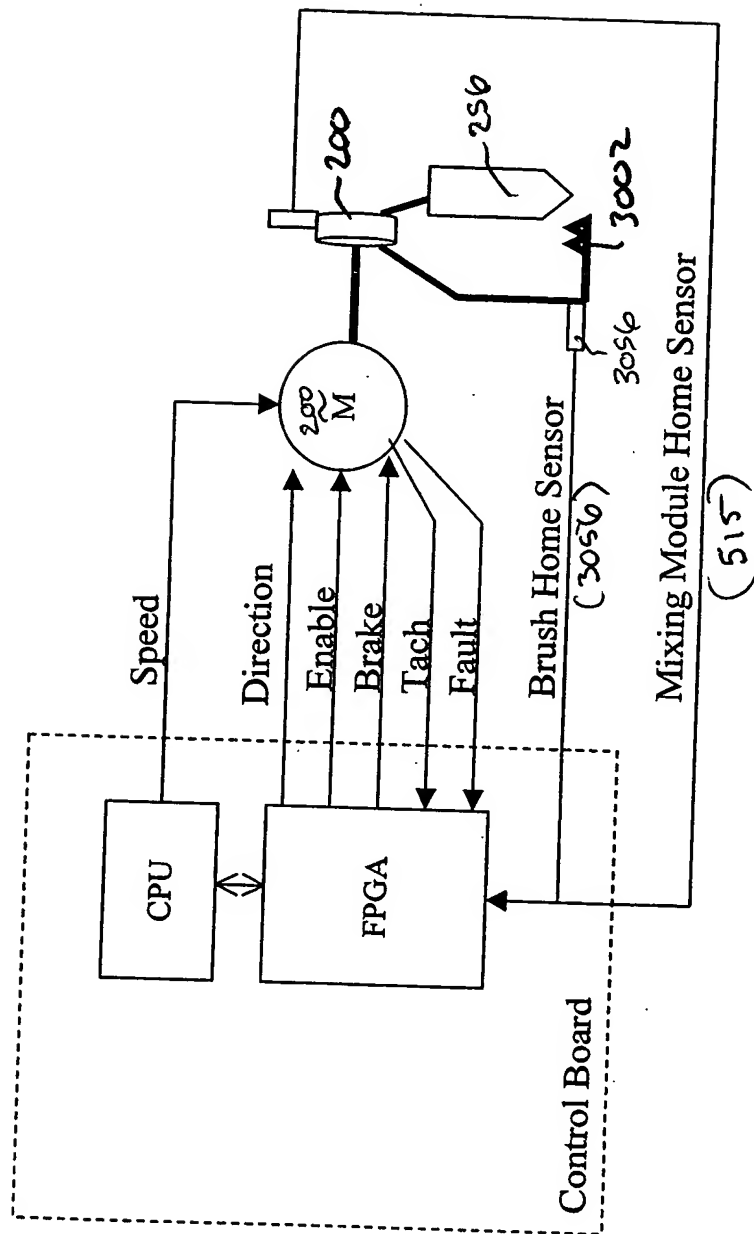


FIG. 190



# Film Advance/Tracking

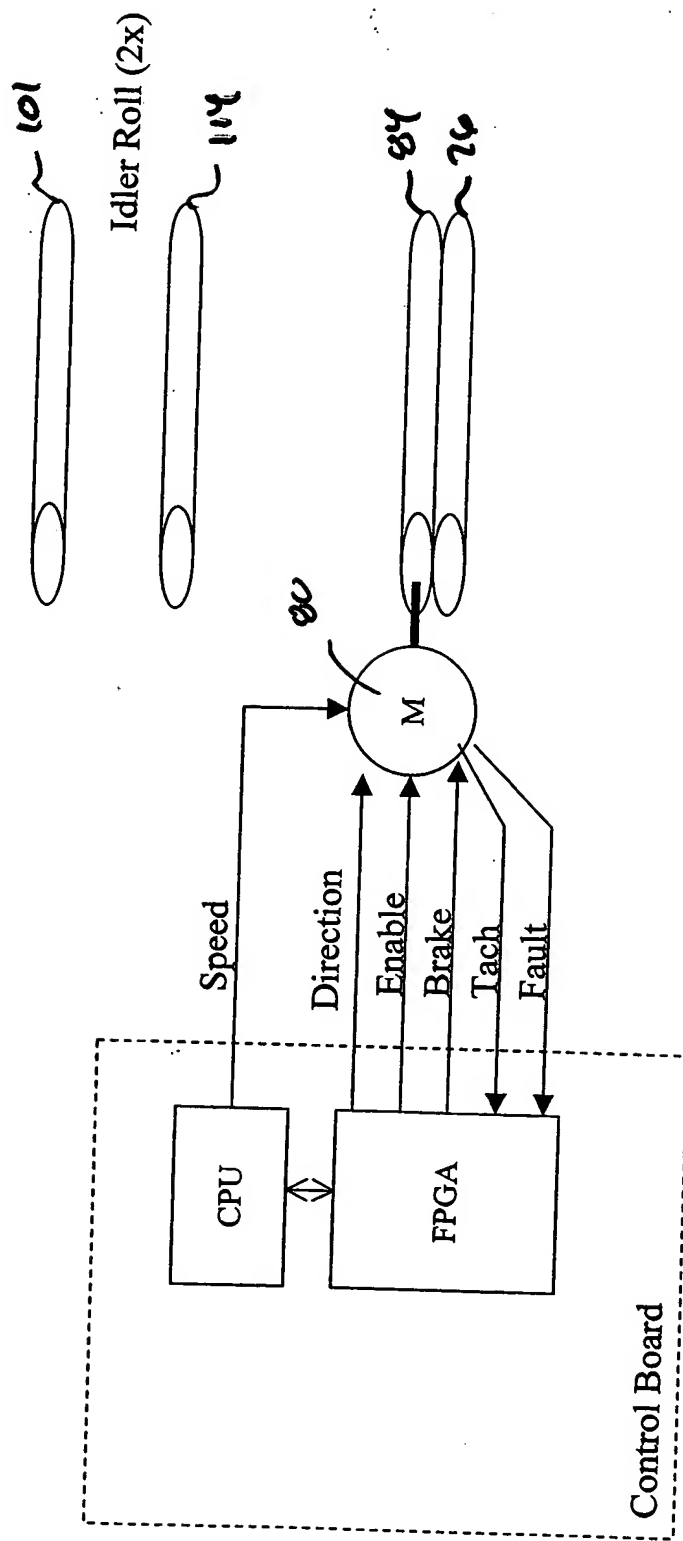


FIG. 191

# Film Tension

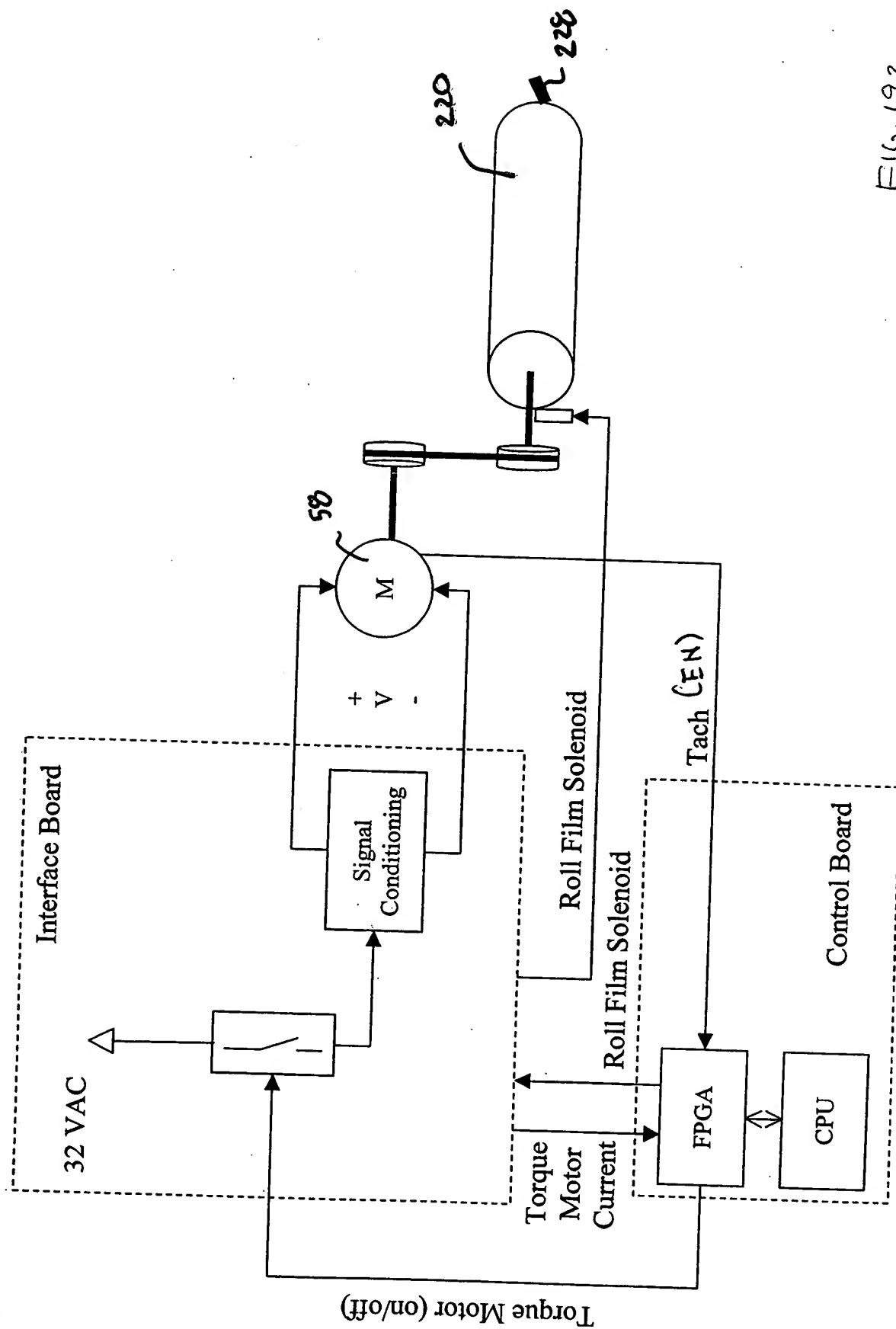


FIG. 192

# Chemical Temperature Control (Hoses)

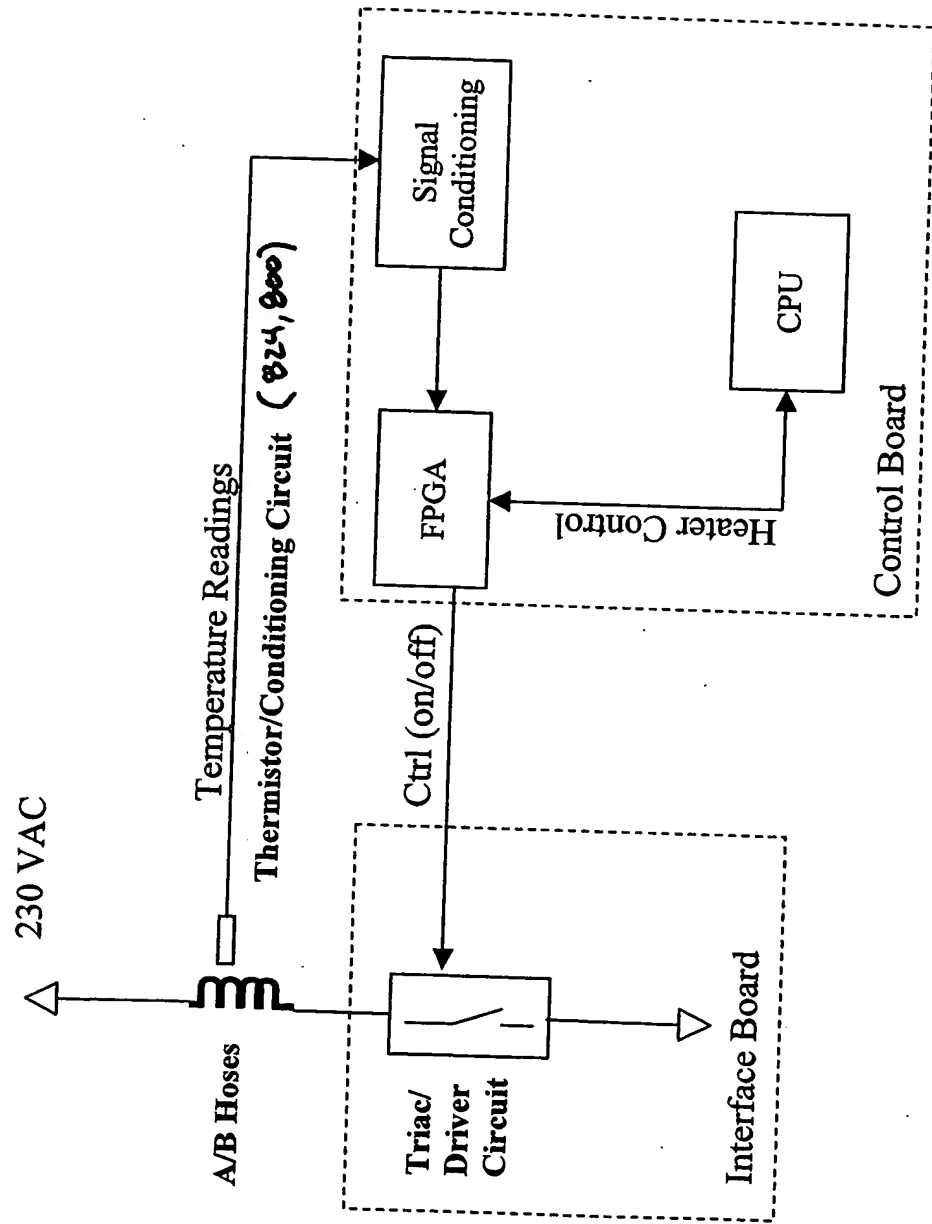


Fig. 193

# Chemical Temperature Control (Manifold Zones)

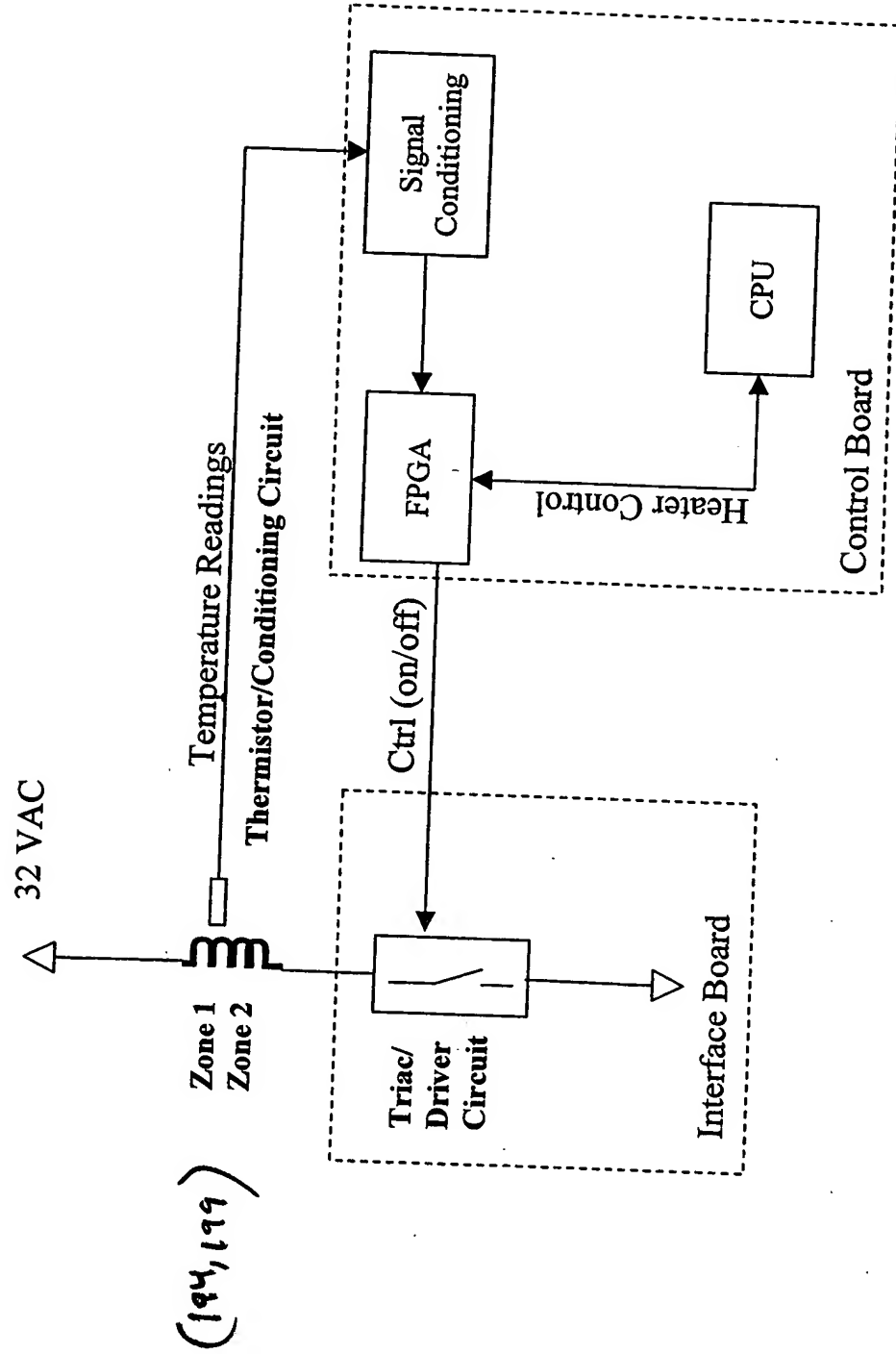


FIG. 194

# Chemical Pressure

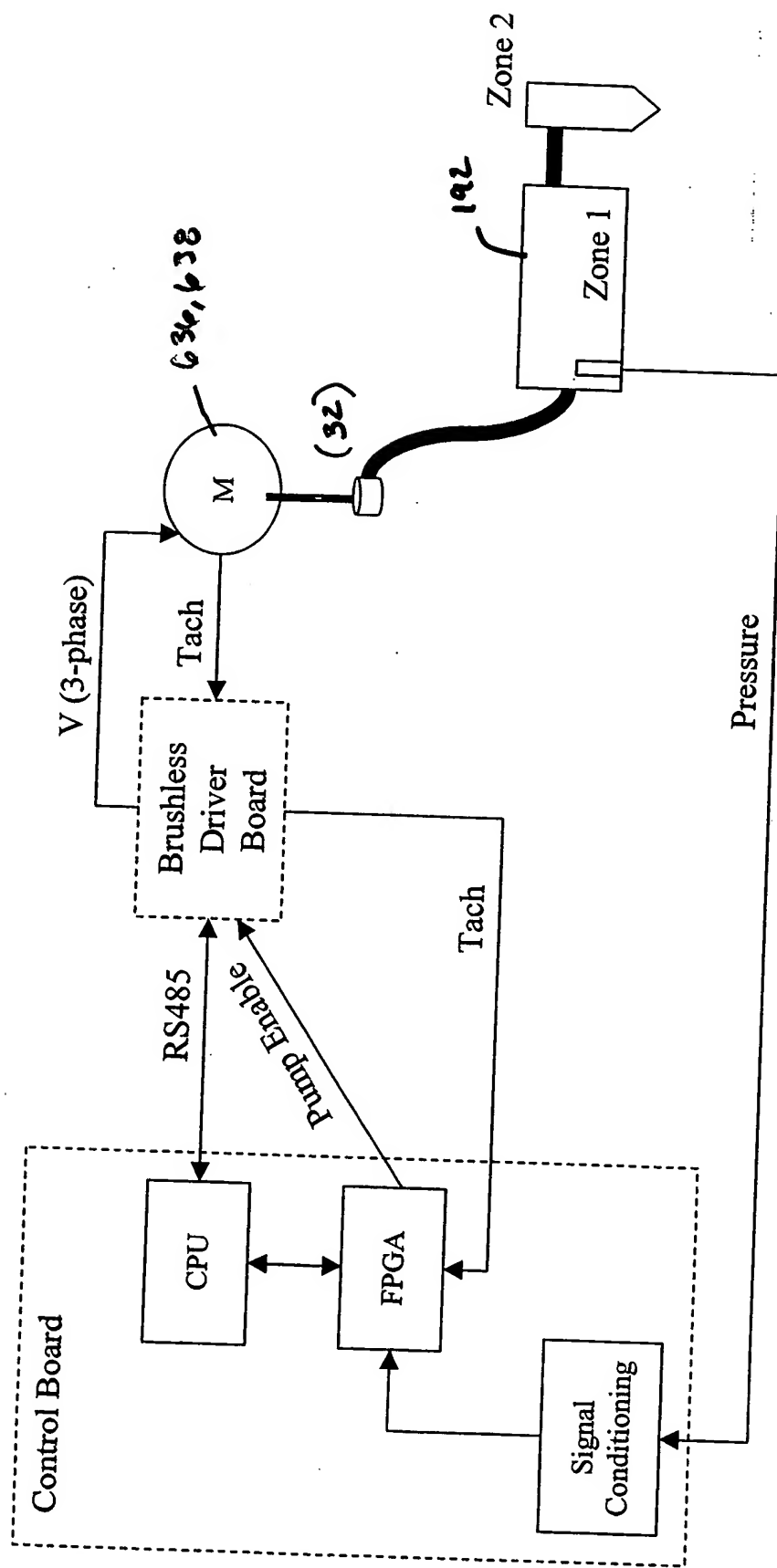


FIG. 195

# Solvent System Control

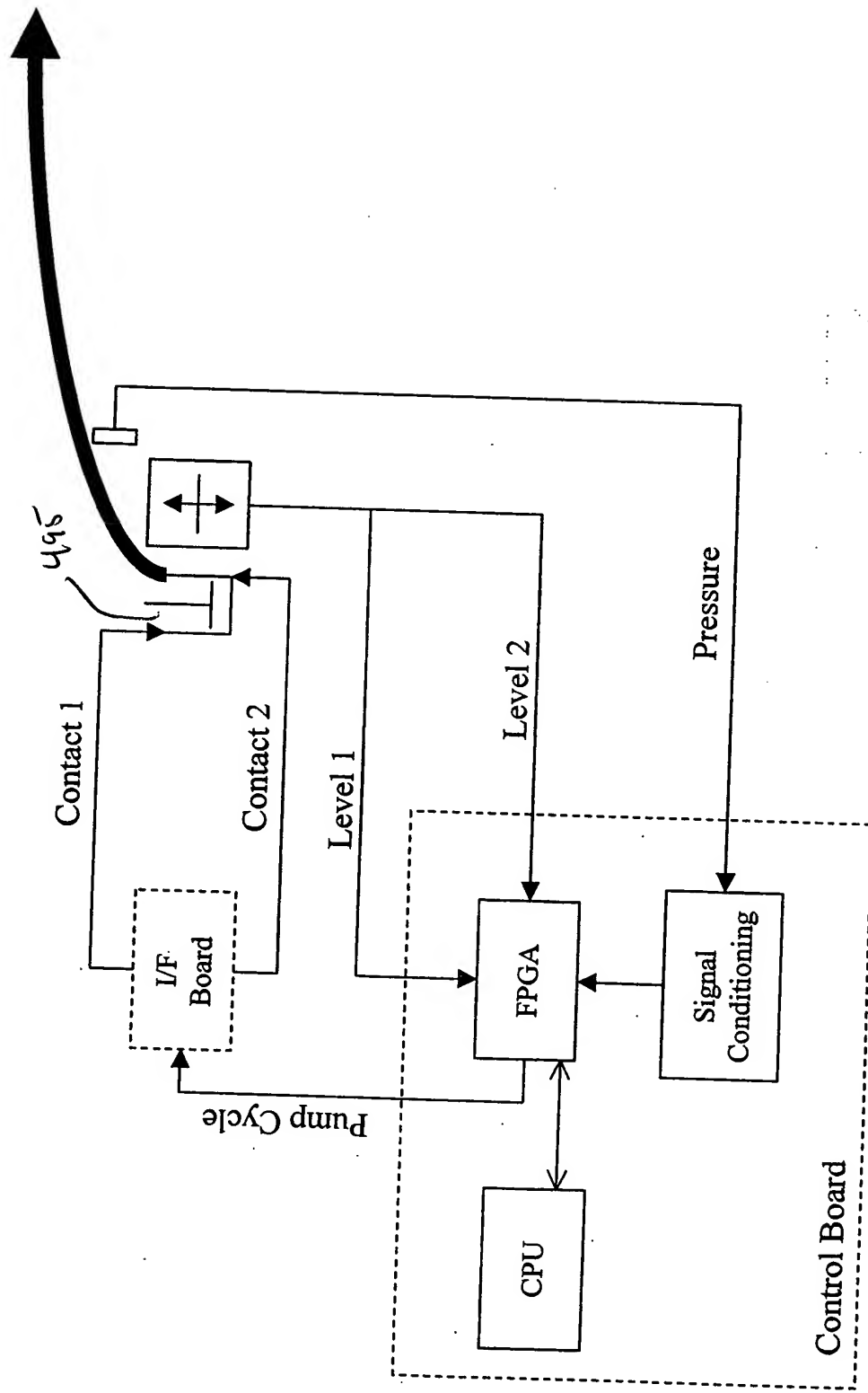
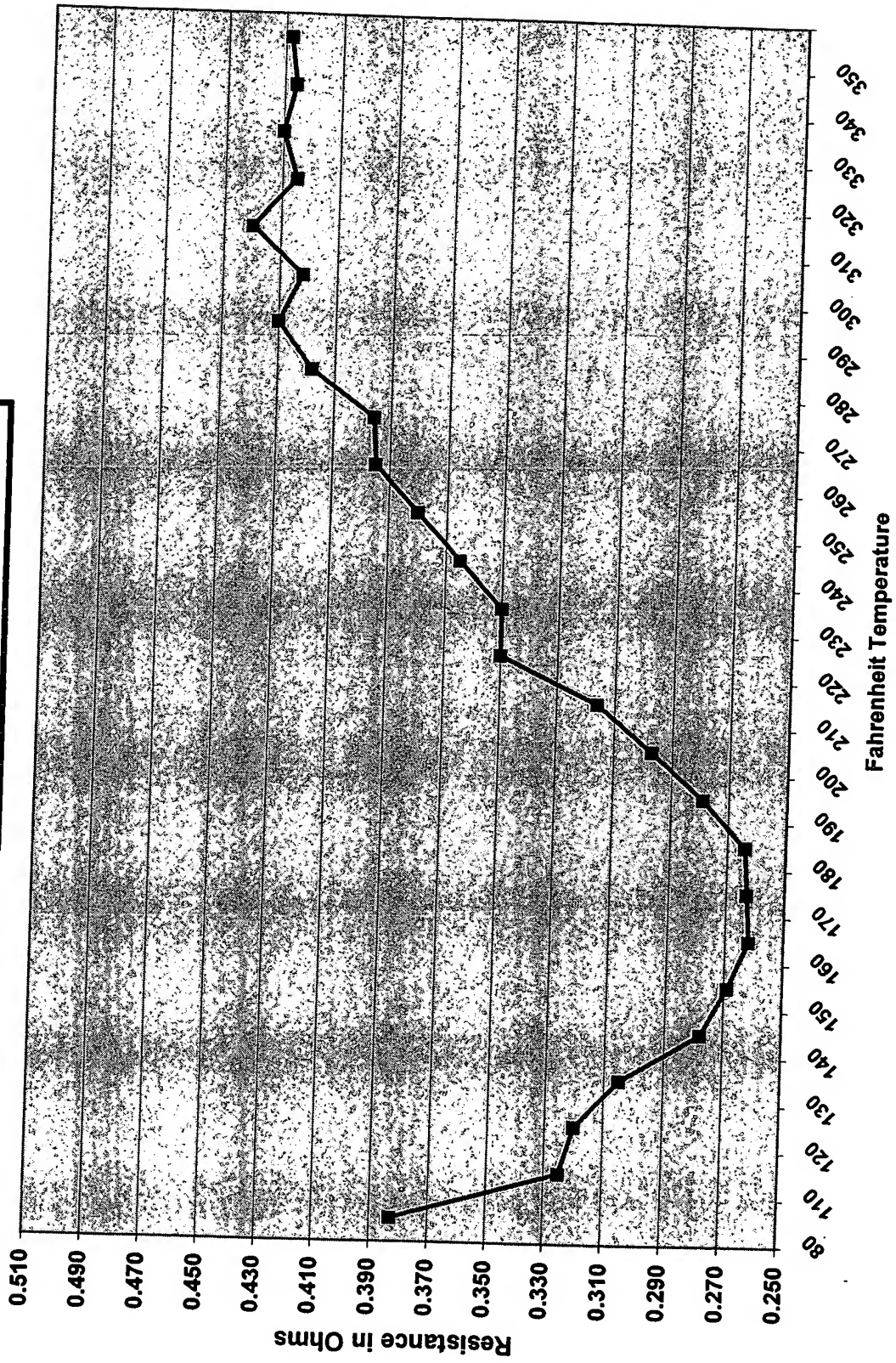


FIG. 196

FIG. 197

—■— TCR



# Film Advance/Tension Motor Tach Ratio

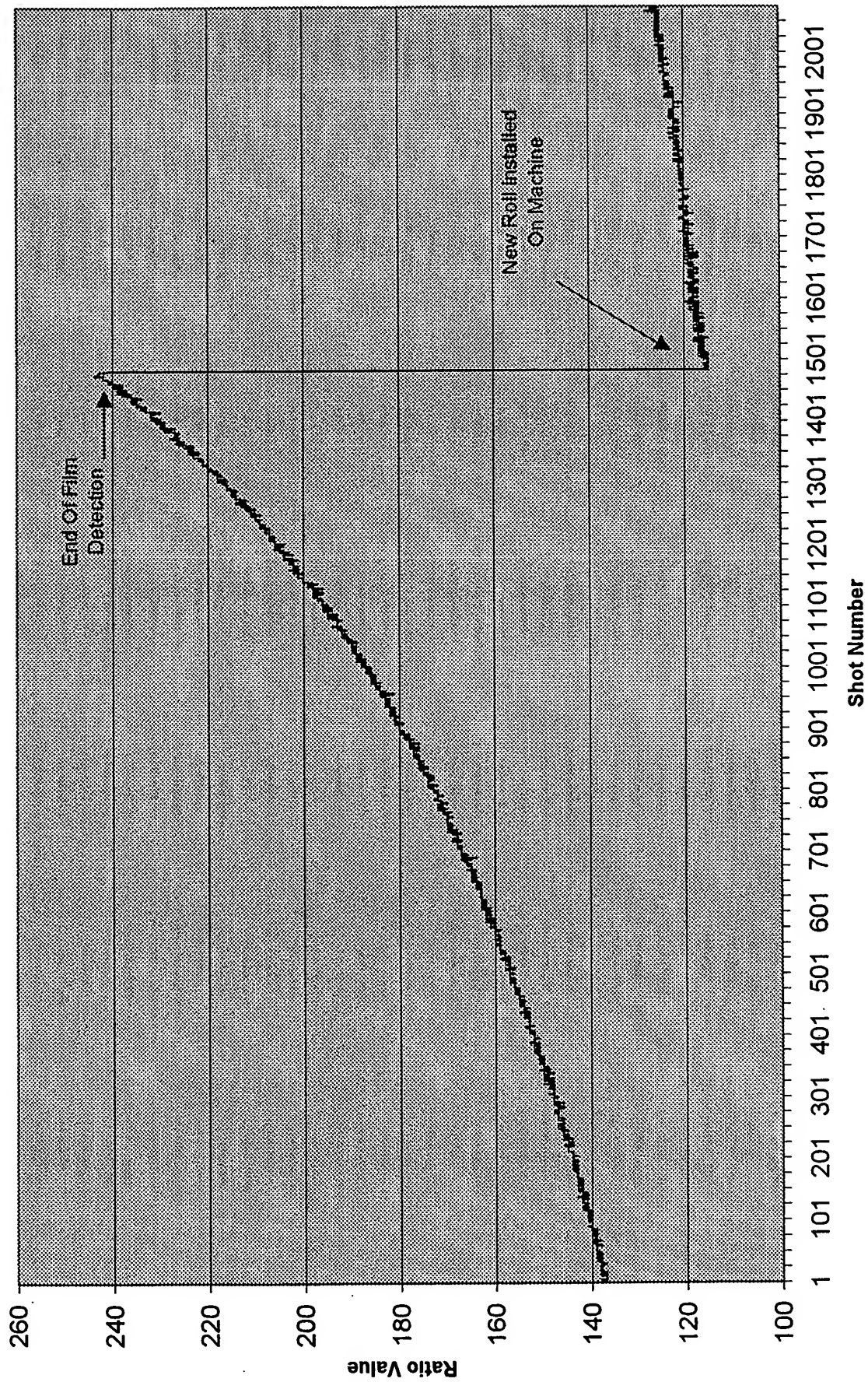


FIG. 198



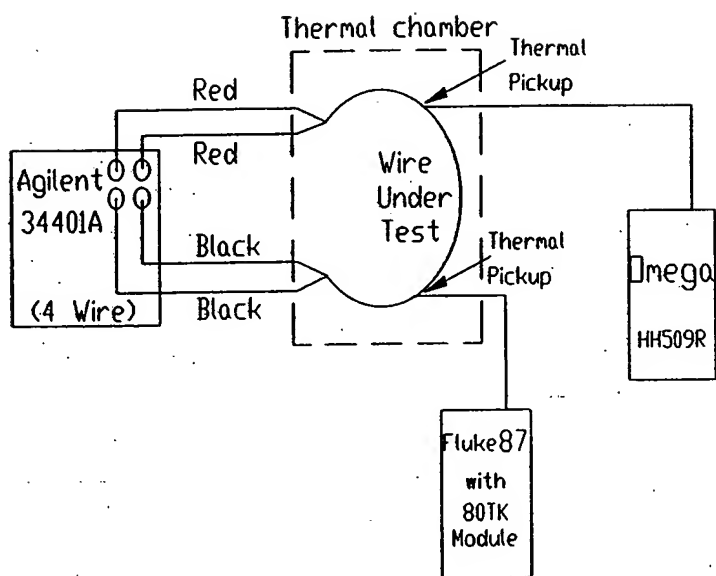


FIG. 199